DRAFT

Initial Study/Mitigated Negative Declaration

Alice and Willow Avenue Warehouse Project

APRIL 2023

Prepared for:

CITY OF RIALTO
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Rialto, California 92376
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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
ACM	asbestos-containing material
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
ADA	Americans with Disabilities Act
APN	Assessor's Parcel Number
AQMP	Air Quality Management Plan
AST	aboveground storage tank
bgs	below ground surface
BMP	best management practice
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standards
Cal/OSHA	California Occupational Health and Safety Administration
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CH_4	methane
CHRIS	California Historical Resources Information System
City	City of Rialto
CMP	Congestion Management Program
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CREC	Controlled Recognized Environmental Condition
CRHR	California Register of Historical Resources
dB	decibel
dBA	A-weighted decibel
DPM	diesel particulate matter
EIR	environmental impact report
EISA	Energy Independence and Security Act of 2007
EO	Executive Order
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment

Acronym/Abbreviation	Definition
EV	electric vehicles
FICON	Federal Interagency Committee on Noise
FTA	Federal Transit Administration
GHG	greenhouse gas
HARP2	Hotspots Analysis and Reporting Program Version 2
HBW	home-based work
HRA	Health Risk Assessment
HREC	Historic Recognized Environmental Condition
I-	Interstate
IS	Initial Study
ITE	Institute of Transportation Engineers
kBtu	thousand British thermal units
kWh	kilowatt hour
LCFS	Low Carbon Fuel Standard
L_{dn}	day–night average noise level
L_{eq}	equivalent sound level
$L_{eq\ 8\text{-}hour}$	equivalent continuous sound level (time-averaged sound level) during an 8-hour construction work day
L_{max}	maximum sound level
LOS	Level of Service
LST	localized significance threshold
LUST	leaking underground storage tank
MM	mitigation measure
MND	Mitigated Negative Declaration
MS4	municipal separate storm sewer system
MT	metric ton
MT CO_2e	metric tons carbon dioxide equivalent
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards (DEF NOT IN RIGHT PLACE)
NAHC	Native American Heritage Commission (2x)
NO_2	nitrogen dioxide
NO_x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
O_3	ozone
OSHA	Occupational Health and Safety Administration
PCE	passenger car equivalent
$PM_{2.5}$	particulate matter less than 2.5 microns
PM_{10}	particulate matter less than 10 microns
PPV	peak particle velocity
PRC	California Public Resources Code
RCNM	Roadway Construction Noise Model
RFD	Rialto Fire Department
ROW	right-of-way

Acronym/Abbreviation	Definition
RPD	Rialto Police Department
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SBCTA	San Bernardino County Transportation Authority
SBTAM	San Bernardino Transportation Analysis Model
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SO_x	sulfur oxides
SR-	State Route
SRA	source-receptor area
SWPPP	stormwater pollution prevention plan
TAC	toxic air contaminant
TAZ	Traffic Analysis Zone
TCR	tribal cultural resource
TPA	Transit Priority Area
USDA	U.S. Department of Agriculture
UST	underground storage tank
VMT	vehicle miles traveled
VOC	volatile organic compound
WEAP	Worker Environmental Awareness Program

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1 Introduction

1.1 Project Overview

The project proposes demolition of existing buildings and asphalt associated with commercial and industrial uses to allow for construction of an approximately 136,200 square foot (gross area, inclusive of office/mezzanine space) one-story industrial warehouse on a 6.19-acre (gross) property composed of eleven parcels (Assessor's Parcel Numbers [APNs] 0254-111-01, 0132-171-01, 0132-171-02, 0132-171-03, 0132-171-04, 0132-171-05, 0132-171-06, 0132-171-08, 0132-171-09, 0132-171-10, 0132-171-13, and 0132-171-14). In addition to the industrial/warehouse building, the project would include 14 high dock door parking stalls, 91 passenger-vehicle parking spaces, fencing along the project perimeter with automated gates at the driveways, and approximately 62,174 square feet of landscaping. Frontage improvements along South Willow Avenue, West Valley Boulevard, and South Alice Avenue would include curb and gutter, sidewalk and parkway landscaping, right-of-way widening. and an offset cul-de-sac at the end of South Willow Avenue and South Alice Avenue.

The proposed project will require discretionary approvals from the City of Rialto. Actions necessary to fully develop the site as proposed include the following:

- Adoption of Mitigated Negative Declaration (MND)
- General Plan Amendment No. 2022-0002 proposes to amend the City of Rialto Land Use Policy plan (General Plan Exhibit 2.2) to change the land use designation of the Project site from "General Commercial to "Business Park".
- Specific Plan Amendment No. 2022-0003 proposes to amend the Land Use Plan for the Gateway Specific Plan to change the land use designation of the Project site from "Freeway Commercial" to "Industrial Park".
- Conditional Development Permit No. 2022-0039 and Precise Plan of Design No. 2022-0065 provide a development plan, including site layout, architectural design, and landscape plan, for the development of an approximately 136,200 square foot industrial/warehouse building on the Project site. The project would also include approximately 62,174 square feet of landscaping, 91 passenger-vehicle parking spaces, and 14 high dock door parking stalls. Access to the project site would be provided by two driveways: one driveway on the western portion of the site on South Willow Avenue, and one driveway on the eastern portion of the site on South Alice Avenue. The project would also involve the widening of South Alice Avenue and the creation of a cul-de-sac.
- Approval of Tentative Parcel Map (TPM) No. 20662 and TPM 2022-0005

In addition to these discretionary actions, the project will require City review and approval of demolition, construction, grading, off-site improvements, drainage, and related permits to allow for redevelopment of the site.

1.2 California Environmental Quality Act Compliance

The City is the lead California Environmental Quality Act (CEQA) agency responsible for the review and approval of the proposed project. Based on the findings of the Initial Study (IS), the City has made the determination that a Mitigated Negative Declaration (MND) is the appropriate environmental document to be prepared in compliance with CEQA (California Public Resources Code, Section 21000 et seq.). As stated in CEQA Section 21064, an MND may be prepared for a project subject to CEQA when an IS has identified no potentially significant effects on the environment.

This draft Initial Study/Mitigated Negative Declaration (IS/MND) has been prepared by the City as lead agency and is in conformance with Section 15070(a) of the CEQA Guidelines (14 CCR 15000 et seq.). The purpose of the MND and the IS Checklist is to determine any potentially significant impacts associated with the proposed project and to incorporate mitigation measures into the project design, as necessary, to reduce or eliminate the significant or potentially significant effects of the project.

1.3 Public Review Process

In accordance with CEQA, a good faith effort has been made during the preparation of this IS/MND to contact affected agencies, organizations, and persons who may have an interest in this project.

In reviewing the IS/MND, affected public agencies and the interested public should focus on the sufficiency of the document in identifying and analyzing the project's possible impacts on the environment. The Draft IS/MND and related documents are available for review on City's website (https://www.yourrialto.com/314/Current-Projects).

Comments on the IS/MND may be made in writing before the end of the public review period. Following the close of the public comment period, the City will consider this IS/MND and comments thereto in determining whether to approve the proposed project.

Written comments on the IS/MND should be sent to the following address by Tuesday, May 16, 2023.

City of Rialto
Community Development Department
150 South Palm Avenue
Rialto, California 92376
Contact: Mr. Daniel Casey
Email: dcasey@rialtoca.gov

1.4 Initial Study Checklist

Dudek, under the City's guidance, prepared the project's Environmental Checklist (i.e., IS) per CEQA Guidelines Sections 15063–15065. The CEQA Guidelines include a suggested checklist to indicate whether a project would have an adverse impact on the environment. The checklist is found in Section 3 of this document. Following the Environmental Checklist, Sections 3.1 through 3.21 include an explanation and discussion of each significance determination made in the checklist for this project.

For this IS/MND, the following four possible responses to each individual environmental issue area are included in the checklist:

1. Potentially Significant Impact
2. Less-than-Significant Impact with Mitigation Incorporated
3. Less-than-Significant Impact
4. No Impact

The checklist and accompanying explanation of checklist responses provide the information and analysis necessary to assess relative environmental impacts of the project. In doing so, the City will determine the extent of additional environmental review, if any, for the project.

2 Project Description

2.1 Project Location

The project site is located in the central part of the City in the southwestern portion of San Bernardino County. Regionally, the City is bordered by unincorporated Riverside County and the Cajon Pass to the north, the Cities of San Bernardino and Colton to the east, unincorporated Riverside County and the City of Riverside to the south, and the City of Fontana to the west. Locally, the project site is bounded to the north by West Valley Boulevard and self-storage and manufacturing uses, to the east by South Alice Avenue and the Rialto Channel, to the south by Interstate (I) 10, and to the west by South Willow Avenue and manufacturing and commercial uses (Figure 2-1, Project Location). The project site is composed of eleven parcels ('APNs 0254-111-01, 0132-171-01, 0132-171-02, 0132-171-03, 0132-171-04, 0132-171-05, 0132-171-06, 0132-171-08, 0132-171-09, 0132-171-10, 0132-171-13, and 0132-171-14) (Figure 2-2, Aerial Overview). Regional access to the project area is provided by I-10 to the south, I-215 to the east, and State Route (SR) 66 to the north.

2.2 Environmental Setting

City of Rialto

The City's land use pattern is defined by nearly 100 years of historical growth. The historic downtown and surrounding older neighborhoods, with smaller residential lots and small central business district, provide a walkable urban core. Suburban tract homes from the 1950s and 1960s, away from downtown, have defined much of the City. Newer residential neighborhoods have filled in the northern areas.

Commercial uses are focused along Foothill Boulevard (Historic Route 66), Riverside Avenue, Valley Boulevard, and Baseline Road at Riverside Avenue. These corridors and intersections, along with downtown, constitute the City's major commercial areas.

Industrial and warehouse facilities are clustered along the City's rail lines, where access to shipping facilities was important through the mid-1900s, particularly for the citrus industry. Other industrial activities have clustered north of SR-210 and south of I-10. Other industrial areas include land adjacent to the Rialto Airport in the north and near SR-210, and I-10 and the Union Pacific railroad line in the south. Many of the industrial businesses take advantage of the City's location and access to this distribution network (City of Rialto 2010).

Gateway Specific Plan

The project site is located within the boundaries of the City's Gateway Specific Plan area. The Gateway Specific Plan is intended to revitalize and upgrade the Gateway area of the City. The Gateway Specific Plan proposes a mixed-use project with retail uses along Riverside Avenue, office and research and development parks fronting on San Bernardino Avenue, freeway commercial (hotels, eating establishments, and auto services) along Valley Boulevard, and light industrial parks in the western portion of the plan area (City of Rialto 1990).

Project Site

The approximately 6.19-gross-acre project site is south of West Valley Boulevard between South Willow Avenue and South Alice Avenue (Figure 2-2). Under existing conditions, the project site is paved and contains a truck driving school, diesel repair operation, and consignment shop.

The City's General Plan Existing Land Use Map designates the project site as General Commercial with a Specific Plan overlay (Figure 2-3, General Plan Land Use) (City of Rialto 2010). The City's Zoning Map designates the project site as Gateway Specific Plan (Figure 2-4, Zoning) (City of Rialto 2013). Specifically, the Gateway Specific Plan designates the project site as Freeway Commercial (F-C) (Figure 2-5, Gateway Specific Plan) (City of Rialto n.d.). Regional access to the project area is provided by I-10 south of the project site, I-15 west of the site, and I-215 east of the site.

Surrounding Land Uses

The project site is located in a predominantly urbanized area of the City. Specific land uses in the immediate project area consist of the following:

- **North:** West Valley Boulevard and self-storage and manufacturing uses
- **East:** South Alice Avenue and the Rialto Channel
- **South:** I-10
- **West:** South Willow Avenue and manufacturing and commercial uses

2.3 Project Characteristics

The project would involve demolition of the existing on-site buildings and asphalt associated with commercial and industrial uses to allow for construction of an approximately 136,200 square foot (gross area, inclusive of office/mezzanine space) one-story industrial warehouse on the project site (Figure 2-6, Conceptual Site Plan). The building would be composed of approximately 130,200 square feet of warehouse space and 6,000 square feet of mezzanine and office space. The project would also include approximately 62,174 square feet of landscaping, 91 passenger-vehicle parking spaces, and 14 high dock door parking stalls. The project would not contain any cold storage space. Figure 2-7 provides conceptual elevations of the project. Figure 2-8 provides a conceptual rendering of the Project.

On- and Off-Site Improvements

A variety of trees, shrubs, and groundcovers would be planted within the project frontage's landscape setback area, within the landscape areas found around the warehouse building, and throughout the project site. Figure 2-9 provides the project's conceptual landscape plan. Fencing would be provided along the project perimeter with automated gates at proposed driveways. The project would also include frontage improvements along South Willow Avenue, West Valley Boulevard, and South Alice Avenue, including curb and gutter, sidewalk and parkway landscaping, right-of-way widening. and an offset cul-de-sac at the end of South Willow Avenue and South Alice Avenue.

Site Access and Parking

Access to the project site would be provided by two driveways: one driveway on the western portion of the site on South Willow Avenue, and one driveway on the eastern portion of the site on South Alice Avenue. Automated gates at each driveway would include a pre-emption device installed for both directions of travel with a Knox key switch override.

The project would include a total of 91 passenger parking stalls and 14 high dock door parking stalls. A summary of proposed passenger vehicle parking is provided in Table 2-1.

Table 2-1. Summary of Passenger Parking Stalls

Passenger Parking Stall Type	Number of Stalls
Building 1	
Standard	73
Van ADA	1
Standard ADA	3
Van EV ADA	1
Standard EV ADA	1
EV	7
Clean Air	5
Total Passenger Parking Stalls	91
High Dock Door Stalls Provided	14
Passenger Parking Stalls Required	91
Total Stalls	**91**

Notes: ADA = Americans with Disability Act; EV = electric vehicle.

Utility Improvements

The project site is currently served by domestic water, sanitary sewer, electrical, natural gas, and telecommunication service. The project would connect to the existing facilities located on and in the immediate vicinity of the project site.

Domestic Water

Domestic water would be provided to the project site by the Rialto Public Works Department Water Division. Water service is provided for residential, commercial, industrial, governmental, and landscaping purposes. The project site is already served by existing water lines within West Valley Boulevard and South Willow Avenue.

Sanitary Sewer

Rialto's sewer system is maintained by the City. The sewage from Rialto is treated at the Rialto Wastewater Treatment Plant, which is currently under construction to expand the facility. The project site is currently served by existing sanitary sewer lines within West Valley Boulevard and South Willow Avenue. As part of the project, an existing 8" sewer main running east to west through the center of the project site would be removed and replaced with a new 8" sewer main that would run east to west on the project site and just south of the proposed warehouse.

Natural Gas, Electrical Service, and Telecommunications

The Southern California Gas Company would provide natural gas service to the project site. Southern California Edison would provide electric service. Telecommunication services are provided by AT&T. The project site is already served by these facilities on the southern portion of the project site.

Storm Drainage

The project proposes an internal storm drain system to collect runoff and route drainage into on-site basins on the southern portion of the project site. Flows would generally be conveyed from the north to the south, ultimately entering an underground infiltration system along the southern edge on the project site, north of I-10. The overflow from the underground infiltration system, which has the capacity to contain flows from 100-year storm events, would be allowed to overflow to a proposed parkway culvert onto Alice Avenue.

2.4 Project Approvals

The actions and/or approvals that the City needs to consider for the proposed project include, but are not limited to, the following. This list is preliminary, and may not be comprehensive:

Lead Agency Approvals

- Conditional Development Permit
- Tentative Parcel Map
- Precise Plan of Design
- General Plan Amendment
- Specific Plan Amendment

Subsequent non-discretionary approvals (which would require separate processing through the City) would include, but may not be limited to, a demolition permit, grading permit, building permits, and occupancy permits.

3 Initial Study Checklist

1. **Project title:**

   Alice and Willow Avenue Warehouse Project

2. **Lead agency name and address:**

   City of Rialto
   Community Development Department
   150 South Palm Avenue
   Rialto, California 92376

3. **Contact person and phone number:**

   Mr. Daniel Casey
   cdasey@rialtoca.gov
   909.820.2535

4. **Project location:**

   The project site is bounded to the north by West Valley Boulevard and self-storage and manufacturing uses, to the east by South Alice Avenue and the Rialto Channel, to the south by Interstate (I) 10, and to the west by South Willow Avenue and manufacturing and commercial uses. The project site is composed of eleven parcels (Assessor's Parcel Numbers 0254-111-01, 0132-171-01, 0132-171-02, 0132-171-03, 0132-171-04, 0132-171-05, 0132-171-06, 0132-171-08, 0132-171-09, 0132-171-10, 0132-171-13, and 0132-171-14).

5. **Project sponsor's name and address:**

   Patriot Development Partners
   12126 West Sunset Boulevard
   Los Angeles, California 90094

6. **General plan designation:**

   General Commercial with a Specific Plan overlay

7. **Zoning:**

   Gateway Specific Plan

8. **Description of project. (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary):**

The project includes demolition of existing buildings and asphalt associated with commercial and industrial uses and construction of an approximately 136,200 square foot industrial/warehouse building on an approximately 6.19-acre (gross) property. In addition to the industrial/warehouse building, the project would include landscaping, passenger vehicle parking spaces, high dock door parking stalls.

9. **Surrounding land uses and setting: Briefly describe the project's surroundings:**

The project site is located in a predominantly urbanized area of the City. Specific land uses in the immediate project area consist of the following:

- **North:** West Valley Boulevard and self-storage and manufacturing uses
- **East:** South Alice Avenue and the Rialto Channel
- **South:** I-10
- **West:** South Willow Avenue and manufacturing and commercial uses

10. **Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement):**

No outside public agency approvals are required.

11. **Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?**

Refer to discussion in Section 3.18, Tribal Cultural Resources, below. In accordance with California Assembly Bill 52 requirements, the City initiated Tribal consultation on February 6, 2023, the results of which will be summarized in the Final MND.

Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact," as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Agriculture and Forestry Resources	☐ Air Quality
☐ Biological Resources	☐ Cultural Resources	☐ Energy
☐ Geology and Soils	☐ Greenhouse Gas Emissions	☐ Hazards and Hazardous Materials
☐ Hydrology and Water Quality	☐ Land Use and Planning	☐ Mineral Resources
☐ Noise	☐ Population and Housing	☐ Public Services
☐ Recreation	☐ Transportation	☐ Tribal Cultural Resources
☐ Utilities and Service Systems	☐ Wildfire	☐ Mandatory Findings of Significance

Determination (To be completed by the Lead Agency)

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature

4-10-2023
Date

Evaluation of Environmental Impacts

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project would not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an Environmental Impact Report (EIR) is required.
4. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
    a. Earlier Analysis Used. Identify and state where they are available for review.
    b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
    c. Mitigation Measures. For effects that are "Less Than Significant With Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. Supporting Information Sources: A source list should be attached, and other sources used, or individuals contacted should be cited in the discussion.
8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
9. The explanation of each issue should identify:
    a. the significance criteria or threshold, if any, used to evaluate each question; and
    b. the mitigation measure identified, if any, to reduce the impact to less than significance

3.1 Aesthetics

		Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
I.	**AESTHETICS** – Except as provided in Public Resources Code Section 21099, would the project**:**				
a)	Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b)	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c)	In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐
d)	Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

a) Would the project have a substantial adverse effect on a scenic vista?

Less-than-Significant Impact. Scenic vistas and other important visual resources are typically associated with natural landforms such as mountains, foothills, ridgelines, coastlines, and open space areas. The City of Rialto General Plan Open Space and Conservation Element states that "the views of the San Gabriel and San Bernardino Mountains and the foothills provide the perfect backdrop for creating scenic vistas throughout the City," and "the City should take great care in ensuring that building heights and scale of projects do not hinder or impede scenic view" (City of Rialto 2010).

The San Gabriel Mountains and the San Bernardino Mountains are located approximately 9 miles northwest and northeast of the project site and the Jurupa Mountains and foothills are located approximately 3 miles southwest of the project site. Based on these distances, as well as the presence of existing intervening natural topographical variations and built urban features, the project site is not located within the direct viewshed of these scenic vistas. In addition, the proposed building would be similar in height to existing industrial/warehouse buildings surrounding the project site. As such, the project is not expected to block views of or from these scenic resources; therefore, impacts associated with scenic vistas would be less than significant.

b) Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

No Impact. According to the California Department of Transportation (Caltrans) California Scenic Highway Mapping System (Caltrans 2019), the only officially designated state scenic highway in San Bernardino County is a 16-mile portion of SR-38 from South Fork Campground to State Lane. This roadway segment is located more than 30 miles east of the project site. Based on the distance between this officially designated state scenic highway, and because of the intervening natural topography and urban improvements between this roadway segment and the project site, the project would not be located within the viewshed of this officially designated state scenic highway. In addition, the Rialto General Plan does not identify any designated scenic corridors (City of Rialto 2010); therefore, no impact associated with scenic highways or designated scenic corridors would occur.

c) In non-urbanized areas, would the project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

Short-Term Construction Impacts

Less-than-Significant Impact. Consistent with standard construction practices, equipment, vehicles, and materials are expected to be staged within a designated area on the project site during project construction. Although equipment staging could potentially be viewed from adjacent properties, this would be temporary and would cease upon completion of construction; therefore, short-term construction impacts associated with the existing visual character and quality would be less than significant.

Long-Term Operational Impacts

Less-than-Significant Impact. The project site is located in an urbanized, industrial portion of the City, and is bound by existing development in all directions. The project site is currently composed of a truck driving school and a diesel repair operation. The project would have a similar land use and development intensity as the existing site and would not significantly alter the existing visual character of the project site compared with existing conditions.

However, as a warehouse building, the project would be visually consistent with the existing industrial development. The project building would be similar in height to other industrial/warehouse buildings surrounding the project site. In addition, the approximately 136,200-square-foot project would be of similar size and scale compared to existing surrounding development in the project area. Thus, development of the project would not represent an adverse or detrimental impact on existing on-site or off-site visual character.

Regarding visual quality, the project would incorporate similar architectural elements to existing development located in the project area, including a complementary neutral color palette and a variety of building materials. Setback landscape areas along the project's frontages would also soften views of the project site and enhance the visual quality of the project.

In addition, to ensure that both current and future development within the City is designed and constructed to conform to existing visual character and quality of the surrounding built environment, the City's Zoning

Code includes design standards related to building height, parking, landscaping requirements, and other visual considerations. The purpose is to regulate the uses of buildings and structures, and to encourage the most appropriate use of land. As a part of the City's development review process, project plans are reviewed with the intent of encouraging efficient, aesthetic, and desirable use of land. Therefore, long-term operational impacts associated with existing visual character and quality would be less than significant.

d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Short-Term Construction Impacts

No Impact. In compliance with the City's Noise Ordinance (Chapter 9.50 of the Rialto Municipal Code), from October 1 through April 30, construction activities of the project would be limited to between 7:00 a.m. and 5:30 p.m. on Monday through Friday, and between 8:00 a.m. and 5:00 p.m. on Saturday. No construction work is permissible on Sunday or state holidays. From May 1 through September 30, construction work would be limited to between 6:00 a.m. and 7:00 p.m. on Monday through Friday, and between 8:00 a.m. and 5:00 p.m. on Saturday. No construction work is permissible on Sundays or state holidays (City of Rialto 2022a). As such, project construction would be limited to the daytime hours, and nighttime lighting would not be required until the project is operational; therefore, no short-term construction impacts associated with light and glare would occur.

Long-Term Operational Impacts

Less-than-Significant Impact. Consistent with Section 18.61.140 of the City's Zoning Code, exterior lighting would be provided for security and safety purposes; however, the lighting would be designed to avoid spillover glare beyond the project site. Thus, all exterior lighting has been designed to be shielded/hooded to prevent light trespass onto nearby properties. In addition, the project would use a variety of non-reflective building materials, and although some new reflective materials (i.e., windows) would be introduced onto the project site, the project as a whole would not be a source of glare in the project area; therefore, long-term operational impacts associated with light and glare would be less than significant.

3.2 Agriculture and Forestry Resources

		Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
II.	**AGRICULTURE AND FORESTRY RESOURCES** – In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a)	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b)	Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c)	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?	☐	☐	☐	☒
d)	Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e)	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

a) ***Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?***

No Impact. The project site currently consists of developed land and is not used for agricultural purposes. According to the California Department of Conservation Important Farmland Finder (CDOC 2016), the project site is identified as "Urban and Built-Up Land." The project site does not contain Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (collectively, "Important Farmland"). The project would not occur within any farmland locations and would not result in the conversion of Prime or Unique

Farmland, or Farmland of Statewide Importance; therefore, no impacts associated with the conversion of Important Farmland would occur.

b) ***Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?***

No Impact. Refer to Section 3.2(a).

c) ***Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?***

No Impact. The project site is zoned as Gateway Specific Plan—Freeway Commercial and is located within a developed area. There are no areas zoned for forest land within the vicinity of the project site. Therefore, no impacts associated with forest land would occur.

d) ***Would the project result in the loss of forest land or conversion of forest land to non-forest use?***

No Impact. Refer to Section 3.2(c). The proposed project would not involve the conversion of forest land to non-forest use. Therefore, no impact with forest land would occur.

e) ***Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?***

No Impact. Refer to Section 3.2(a). The project site is zoned as Gateway Specific Plan—Freeway Commercial and is located within a developed area. Further, no off-site improvement associated with the project would result in changes to other properties designated as Farmland or forest land. There are no areas zoned for agricultural use or identified as forest land within the vicinity of the project site. Therefore, no impacts associated with forest land would occur.

3.3 Air Quality

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY – Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☒	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

a) Would the project conflict with or obstruct implementation of the applicable air quality plan?

Less-than-Significant Impact. The project site is located within the South Coast Air Basin (SCAB), which includes the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties and all of Orange County, and is within the jurisdictional boundaries of South Coast Air Quality Management District (SCAQMD).

The South Coast Air Quality Management District (SCAQMD) administers the Air Quality Management Plan (AQMP) for the South Coast Air Basin (SCAB), which is a comprehensive document outlining an air pollution control program for attaining all California Ambient Air Quality Standards (CAAQS) and National Ambient Air Quality Standards. The AQMP is the regional path towards improving air quality and meeting federal standards for air pollutants, and each AQMP incorporates significant new scientific data, primarily in the form of updated emissions inventories, ambient measurements, new meteorological episodes, and new air quality modeling tools. Currently, the most recent approved SCAQMD AQMP is the 2022 AQMP (SCAQMD 2022a), which was adopted by the SCAQMD Governing Board in December 2022. The SCAQMD 2022 AQMP was developed to address the attainment of the 2015 national 8-hour ozone (O_3) ambient air quality standard (70 parts per billion) for the SCAB and Coachella Valley. The 2022 AQMP provides actions, strategies, and steps needed to reduce air pollutant emissions and meet the O_3 standard by 2037.

The purpose of a consistency finding with regard to the AQMP is to determine if a project is consistent with the assumptions and objectives of the regional air quality plans, and if it would interfere with the region's ability to comply with federal and state air quality standards. SCAQMD has established criteria for determining consistency with the currently applicable AQMP in Chapter 12, Sections 12.2 and 12.3 of the SCAQMD CEQA Air Quality Handbook. These criteria are (SCAQMD 1993):

- Whether the project would result in an increase in the frequency or severity of existing air quality violations, cause or contribute to new violations, or delay timely attainment of the ambient air quality standards or interim emission reductions in the AQMP.
- Whether the project would exceed the assumptions in the AQMP or increments based on the year of project buildout and phase.

To address the first criterion, project-generated criteria air pollutant emissions have been estimated and analyzed for significance and are addressed in Section 3.3(b) below. As presented in Section 3.3(b), construction and operation of the project would not generate criteria air pollutant emissions that exceed SCAQMD's thresholds.

The second criterion regarding the project's potential to exceed the assumptions in the AQMP or increments based on the year of project buildout and phase is primarily assessed by determining consistency between

the project's land use designations and its potential to generate population growth. In general, projects are considered consistent with, and not in conflict with or obstructing implementation of, the AQMP if the growth in socioeconomic factors is consistent with the underlying regional plans used to develop the AQMP (per Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook). SCAQMD primarily uses demographic growth forecasts for various socioeconomic categories (e.g., population, housing, employment by industry) developed by the Southern California Association of Governments (SCAG) for its Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) (SCAG 2020a). This document, which is based on general plans for cities and counties in the SCAB, is used by SCAQMD to develop the AQMP emissions inventory (SCAQMD 2022a).[1] Connect SoCal 2020 and the associated Regional Growth Forecast are generally consistent with the local plans; therefore, the 2022 AQMP is generally consistent with local government plans.

The project site is designated General Commercial in the Rialto General Plan, and zoned Gateway Specific Plan – Freeway Commercial. While the project requires a land use designation change to Industrial Park (I-P), this change is already accounted for within the Gateway Specific Plan. Therefore, implementation of the project would not generate an increase in growth demographics that would conflict with existing projections within the region. Accordingly, the project is consistent with the SCAG RTP/SCS forecasts used in the SCAQMD AQMP development.

In summary, based on the considerations presented for the two criteria, impacts relating to the project's potential to conflict with or obstruct implementation of the applicable AQMP would be less than significant.

b) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Less-than-Significant Impact. Air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and SCAQMD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are relevant in the determination of whether a project's individual emissions would have a cumulatively significant impact on air quality.

SCAQMD has adopted thresholds to address the significance of air quality impacts resulting from a project. A project would result in a substantial contribution to an existing air quality violation of the NAAQS or CAAQS for ozone (O_3), which is a nonattainment pollutant, if the project's construction emissions would exceed SCAQMD's volatile organic compound (VOC) or oxides of nitrogen (NO_x) significance thresholds shown in Table 3.3-1. These emission-based thresholds for O_3 precursors are intended to serve as a surrogate for an "ozone significance threshold" (i.e., the potential for adverse O_3 impacts to occur) because O_3 itself is not emitted directly, and the effects of an individual project's emissions of O_3 precursors (VOC and NO_x) on O_3 levels in ambient air cannot be determined through air quality models or other quantitative methods. The SCAB is also nonattainment for the state particulate matter with an aerodynamic diameter less than or equal to 10 microns

[1] Information necessary to produce the emissions inventory for the SCAB is obtained from SCAQMD and other governmental agencies, including the California Air Resources Board (CARB), California Department of Transportation (Caltrans), and SCAG. Each of these agencies is responsible for collecting data (e.g., industry growth factors, socioeconomic projections, travel activity levels, emission factors, emission speciation profile, and emissions) and developing methodologies (e.g., model and demographic forecast improvements) required to generate a comprehensive emissions inventory. SCAG incorporates these data into its Travel Demand Model for estimating/projecting vehicle miles traveled and driving speeds. SCAG's socioeconomic and transportation activities projections in their 2016 RTP/SCS are integrated in the 2016 AQMP (SCAQMD 2017).

in size (coarse particulate matter, or PM_{10}) and federal and state particulate matter with an aerodynamic diameter less than or equal to 2.5 microns in size (fine particulate matter, or $PM_{2.5}$) standards.

Table 3.3-1. SCAQMD Air Quality Significance Thresholds

Criteria Pollutants Mass Daily Thresholds		
Pollutant	**Construction (Pounds per Day)**	**Operation (Pounds per Day)**
VOCs	75	55
NO_x	100	55
CO	550	550
SO_x	150	150
PM_{10}	150	150
$PM_{2.5}$	55	55
Lead[a]	3	3
TACs and Odor Thresholds		
TACs[b]	Maximum incremental cancer risk ≥ 10 in 1 million Cancer Burden > 0.5 excess cancer cases (in areas ≥ 1 in 1 million) Chronic and acute hazard index ≥ 1.0 (project increment)	
Odor	Project creates an odor nuisance pursuant to SCAQMD Rule 402	
Ambient Air Quality Standards for Criteria Pollutants[c]		
NO_2 1-hour average NO_2 annual arithmetic mean	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 0.18 ppm (state) 0.030 ppm (state) and 0.0534 ppm (federal)	
CO 1-hour average CO 8-hour average	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 20 ppm (state) and 35 ppm (federal) 9.0 ppm (state /federal)	
PM_{10} 24-hour average	10.4 μg/m³ (construction)[d]	
PM_{10} annual average	2.5 μg/m³ (operation) 1.0 μg/m³	
$PM_{2.5}$ 24-hour average	10.4 μg/m³ (construction)[d] 2.5 μg/m³ (operation)	

Source: SCAQMD 2019.

Notes: SCAQMD = South Coast Air Quality Management District; VOCs = volatile organic compounds; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; TAC = toxic air contaminant; NO_2 = nitrogen dioxide; ppm = parts per million; μg/m³ = micrograms per cubic meter.

[a] The phaseout of leaded gasoline started in 1976. Since gasoline no longer contains lead, the project is not anticipated to result in impacts related to lead; therefore, it is not discussed in this analysis.

[b] TACs include carcinogens and non-carcinogens.

[c] Ambient air quality standards for criteria pollutants are based on SCAQMD Rule 1303, Table A-2, unless otherwise stated.

[d] Ambient air quality threshold are based on SCAQMD Rule 403.

Construction Emissions

Proposed construction activities would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road vendor trucks, haul trucks, and worker vehicle trips). Construction emissions can vary substantially from day to day, depending on the level of activity; the specific type of operation; and, for particulate matter, the prevailing weather conditions. Therefore, such emission levels can only be approximately estimated.

The California Emissions Estimator Model (CalEEMod) Version 2020.4.0 was used to estimate emissions from construction of the project. Internal combustion engines used by construction equipment, trucks, and worker vehicles would result in emissions of VOCs, NO_x, carbon monoxide (CO), sulfur oxides (SO_x), PM_{10}, and $PM_{2.5}$. PM_{10} and $PM_{2.5}$ emissions would also be generated by entrained dust, which results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil. The project would be required to comply with SCAQMD Rule 403 to control dust emissions generated during any dust-generating activities. Standard construction practices that would be employed to reduce fugitive dust emissions include watering of the active dust areas two times per day, with additional watering depending on weather conditions. The CalEEMod default assumptions were used for estimating fugitive dust emissions from grading on site. The project would involve application of architectural coating (e.g., paint and other finishes) for painting the interior and exterior of the building as well as parking lot striping. In accordance with SCAQMD Rule 1113, Architectural Coatings, only low-VOC coatings (no more than 50 grams per liter VOC content) will be used for the building interiors and exteriors. Table 3.3-2 presents the estimated maximum daily construction emissions generated during construction of the project. Details of the emission calculations are provided in Appendix A-1.

Table 3.3-2. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions

Year	VOC	NOx	CO	SOx	PM_{10}	$PM_{2.5}$
	pounds per day					
2024	2.73	27.37	20.72	0.05	10.30	5.74
2025	64.32	14.32	20.34	0.05	2.08	0.93
Maximum	**64.32**	**27.37**	**20.72**	**0.05**	**10.30**	**5.74**
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Threshold Exceeded?	No	No	No	No	No	No

Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District.
Emissions include compliance with SCAQMD Rules 403 and use of low-VOC architectural coatings (i.e., no more than 50 grams per liter VOC content) for building interiors and exteriors.
See Appendix A-1 for complete results.

As shown in Table 3.3-2, project construction would not exceed SCAQMD's daily thresholds. Therefore, construction impacts associated with criteria air pollutant emissions would be less than significant.

Operational Emissions

Emissions from the operational phase of the project were estimated using CalEEMod. Table 3.3-3 presents the maximum daily area, energy, mobile, and off-road source emissions associated with operation of the

project in year 2025. The values shown are the maximum summer or winter daily emissions (i.e., worst-case) results from CalEEMod. Details of the emission calculations are provided in Appendix A-1.

Table 3.3-3. Estimated Maximum Daily Operation Criteria Air Pollutant Emissions

Emissions Source	VOC	NOx	CO	SOx	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Area	3.08	<0.01	0.02	0.00	<0.01	<0.01
Energy	0.01	0.07	0.06	<0.01	0.01	0.01
Mobile	0.56	16.53	8.57	0.10	5.10	1.52
Off-Road (Forklifts/Yard Truck)	1.67	15.60	19.83	0.03	0.79	0.72
Total	**5.32**	**32.20**	**28.48**	**0.13**	**5.89**	**2.24**
SCAQMD Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Threshold Exceeded?	No	No	No	No	No	No

Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; CNG = compressed natural gas; SCAQMD = South Coast Air Quality Management District.
See Appendix A-1 for complete results. Columns may not add due to rounding. Values of "<0.01" indicate that the estimated emissions are less than two decimals.

As shown in Table 3.3-3, the increase in criteria air pollutant emissions associated with project operations would not exceed SCAQMD's significance thresholds and, therefore, operational impacts associated with criteria air pollutant emissions would be less than significant.

In considering cumulative impacts from the project, the analysis must specifically evaluate a project's contribution to the cumulative increase in pollutants for which the SCAB is designated as nonattainment for the CAAQS and NAAQS. If a project's emissions would exceed SCAQMD's significance thresholds, it would be considered to have a cumulatively considerable contribution to nonattainment status in the SCAB. If a project does not exceed thresholds and is determined to have less than significant project-specific impacts, it may still contribute to a significant cumulative impact on air quality. The basis for analyzing the project's cumulatively considerable contribution is if the project's contribution accounts for a significant proportion of the cumulative total emissions (i.e., it represents a "cumulatively considerable contribution" to the cumulative air quality impact) and consistency with SCAQMD's 2022 AQMP, which addresses cumulative emissions in the SCAB.

The SCAB has been designated as a federal nonattainment area for O_3 and $PM_{2.5}$ and a state nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. The nonattainment status is the result of cumulative emissions from various sources of air pollutants and their precursors within the SCAB, including motor vehicles, off-road equipment, and commercial and industrial facilities. Construction and operation of the project would generate VOC and NO_x emissions (which are precursors to O_3) and emissions of PM_{10} and $PM_{2.5}$. As indicated in Tables 3.3-2 and 3.3-3, project-generated construction and operational emissions would not exceed SCAQMD's emission-based significance thresholds for VOC, NO_x, PM_{10}, or $PM_{2.5}$ and therefore the project would not cause a cumulatively considerable net increase of a criteria pollutant for which the region is non-attainment.

Based on the previous considerations, the project would not result in a cumulatively considerable increase in emissions of nonattainment pollutants, and cumulative impacts would be less than significant.

c) Would the project expose sensitive receptors to substantial pollutant concentrations?

Less-than-Significant Impact.

Localized Significance Thresholds

In addition to the emission-based thresholds listed in Table 3.3-1, SCAQMD also recommends the evaluation of localized air quality impacts to sensitive receptors in the immediate vicinity of the project as a result of construction and operational activities. Sensitive receptors are those individuals more susceptible to the effects of air pollution than the population at large. People most likely to be affected by air pollution include children, the elderly, and people with cardiovascular and chronic respiratory diseases. According to SCAQMD, sensitive receptors include residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993). The nearest sensitive receptors are along West Valley Boulevard (Days Inn Hotel) and are located approximately 300 meters from the project site boundary. The nearest residence and school are located approximately 370 and 420 meters from the project boundary, respectively.

Such an evaluation is referred to as a localized significance threshold (LST) analysis. For project sites of 5 acres or less, the SCAQMD LST Methodology (SCAQMD 2009) includes lookup tables that can be used to determine the maximum allowable daily emissions that would satisfy the localized significance criteria (i.e., the emissions would not cause an exceedance of the applicable concentration limits for nitrogen dioxide [NO_2], CO, PM_{10}, and $PM_{2.5}$) without performing project-specific dispersion modeling.

The LST significance thresholds for NO_2 and CO represent the allowable increase in concentrations above background levels in the vicinity of a project that would not cause or contribute to an exceedance of the relevant ambient air quality standards, while the threshold for PM_{10} represents compliance with Rule 403 (Fugitive Dust). The LST significance threshold for $PM_{2.5}$ is intended to ensure that construction emissions do not contribute substantially to existing exceedances of the $PM_{2.5}$ ambient air quality standards. The allowable emission rates depend on the following parameters:

- Source-receptor area (SRA) in which the project is located
- Size of the project site
- Distance between the project site and the nearest sensitive receptor (e.g., residences, schools, hospitals)

The project site is located in SRA 34 (Central San Bernardino Valley). LST pollutant screening level concentration data is currently published for 1-, 2-, and 5-acre sites for varying distances (25-, 50-, 100-, 200-, and 500-meters). The project site is a total of 6.11 acres. As mentioned above, the nearest sensitive receptors are located approximately 300 meters from the project site boundary. The SCAQMD CalEEMod LST guidance states that tractors, graders, and rubber-tired dozers can be assumed to disturb half an acre each over an 8-hour workday; during the site preparation phase, 7 dozers and tractors will be operated simultaneously, translating to an assumption of 3.5 disturbed acres (SCAQMD n.d.). Since the SCAQMD lookup tables do not have LSTs for the project-specific daily disturbed acreage or sensitive receptor distance, for construction, the LST values for a 5-acre disturbed area and a receptor distance of 200 meters were used for construction to be conservative. For operations, based on the total project site of 6.11-acres, LST values for a 5-acre project site and a receptor distance of 200 meters were used to be conservative. LSTs are more stringent for smaller areas (i.e., 1-acre is more stringent than 2-acre and 5-acre LSTs); therefore, the use of a 2-acre LST for construction and 5-acre LST for operations is conservative.

Construction activities associated with the project would result in temporary sources of on-site fugitive dust and construction equipment emissions. During operation, emissions from area sources (landscaping equipment), energy (natural gas combustion), on-site cars and trucks, and forklifts were included in the localized analysis. The passenger vehicle and truck trips during construction and operation were modeled using a 1,000-foot trip distance to capture on-site emissions. The maximum allowable daily emissions that would satisfy the SCAQMD localized significance criteria for SRA 34 are presented in Table 3.3-4 and compared to the maximum daily on-site construction and operational emissions.

Table 3.3-4. Localized Significance Thresholds Analysis for the Project

Pollutant	Project Emissions (Pounds per Day)	LST Criteria (Pounds per Day)	Exceeds LST?
Construction[a]			
NO_2	27.24	378	No
CO	19.94	6,346	No
PM_{10}	10.08	83	No
$PM_{2.5}$	5.68	26	No
Operations[b]			
NO_2	17.27	486	No
CO	21.92	8,532	No
PM_{10}	0.83	26	No
$PM_{2.5}$	0.74	9	No

Source: SCAQMD 2009.
Notes: LST = localized significance threshold; NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter.
See Appendix A-1 for detailed results.
These estimates reflect control of fugitive dust required by Rule 403 and represent the worst-case operating scenario during construction.
[a] For construction, localized significance thresholds were determined based on the values for a 2-acre disturbed area at a distance of 200 meters (656 feet) from the nearest sensitive receptor.
[b] For operations, localized significance thresholds were determined based on the values for a 5-acre site at a distance of 200 meters (656 feet) from the nearest sensitive receptor.

As shown in Table 3.3-4, the project LST would not exceed the established significance thresholds, and thus, would result in a less than significant localized impact to sensitive receptors during construction and operation.

CO Hotspots

Traffic-congested roadways and intersections have the potential to generate localized high levels of CO. Localized areas where ambient concentrations exceed federal and/or state standards for CO are termed CO "hotspots." CO transport is extremely limited and disperses rapidly with distance from the source. Under certain extreme meteorological conditions, however, CO concentrations near a congested roadway or intersection may reach unhealthy levels affecting sensitive receptors. Typically, high CO concentrations are associated with severely congested intersections operating at an unacceptable level of service (LOS) (LOS E or worse is unacceptable). Projects contributing to adverse traffic impacts may result in the formation of a CO hotspot. Additional analysis of CO hotspot impacts would be conducted if a project would result in a significant impact or contribute to an adverse traffic impact at a signalized intersection that would potentially subject sensitive receptors to CO hotspots.

Title 40 of the Code of Federal Regulations, Section 93.123(c)(5), Procedures for Determining Localized CO, PM_{10}, and $PM_{2.5}$ Concentrations (Hot-Spot Analysis), states that "CO, PM_{10}, and $PM_{2.5}$ hot-spot analyses are not required to consider construction-related activities, which cause temporary increases in emissions. Each site which is affected by construction-related activities shall be considered separately, using established 'Guideline' methods. Temporary increases are defined as those which occur only during the construction phase and last five years or less at any individual site" (40 CFR 93.123). While project construction would involve on-road vehicle trips from trucks and workers during construction, construction activities would last approximately 15 months and would not require a project-level construction hotspot analysis.

For long-term operations, as provided in Section 3.17, Transportation, the project had a less than significant impact with regard to VMT, which supports that the project is not a large traffic generator. Based on these considerations, the proposed project would not generate traffic that would contribute to potential adverse traffic impacts that may result in the formation of CO hotspots. In addition, due to continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SCAB is steadily decreasing. Overall, the proposed project would result in a less-than-significant impact to air quality with regard to potential CO hotspots.

Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute (immediate) and/or chronic (cumulative) non-cancer health effects. A toxic substance released into the air is considered a toxic air contaminant (TAC). Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

TACs are identified by federal and state agencies based on a review of available scientific evidence. In the state of California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources, such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources, such as automobiles; and area sources, such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

A health risk assessment (HRA) was performed to evaluate potential health risk associated with construction and operation of the project. The following discussion summarizes the dispersion modeling and HRA methodology; supporting HRA documentation, including detailed assumptions, is presented in Appendix A-2.

For risk assessment purposes, PM_{10} in diesel exhaust is considered diesel particulate matter (DPM), originating mainly from off-road equipment operating at a defined location for a given length of time at a given distance from sensitive receptors. Less-intensive, more-dispersed emissions result from on road vehicle exhaust (e.g., heavy-duty diesel trucks).

The air dispersion modeling methodology was based on SCAQMD's Modeling Guidance for American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) (SCAQMD 2022b). Air dispersion modeling was performed using the EPA's American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 22112 modeling system (computer software) with the Lakes Environmental Software implementation/user interface, AERMOD View Version 11.2. The HRA followed the Office of Environmental Health Hazard Assessment (OEHHA) 2015 guidelines (OEHHA 2015) and SCAQMD guidance to calculate the health risk impacts at all proximate receptors as further discussed below. The dispersion modeling included the use of standard regulatory default options. AERMOD parameters were selected consistent with the SCAQMD and EPA guidance and identified as representative of the project site and project activities. Principal parameters of this modeling are presented in Table 3.3-5.

Table 3.3-5. American Meteorological Society/Environmental Protection Agency Regulatory Model Principal Parameters

Parameter	Details
Meteorological Data	AERMOD-specific meteorological data for the Fontana air monitoring station (FONT) was used for the dispersion modeling based on the recommendation of the SCAQMD.
Urban versus Rural Option	Urban areas typically have more surface roughness as well as structures and low-albedo surfaces that absorb more sunlight—and thus more heat—relative to rural areas. According to SCAQMD guidelines, the urban dispersion option was selected.
Terrain Characteristics	Digital elevation data were imported into AERMOD and elevations were assigned to receptors and emission sources, as necessary. Digital elevation data were obtained through the AERMOD View in the U.S. Geological Survey's National Elevation Dataset format with a resolution of 1 arc-second resolution.
Source Release Characterizations	The following modeling parameters were based on the best information available at the time of analysis, for both construction and operational sources. <u>Construction:</u> ▪ Off-road equipment and on-site trucks were modeled as a line of adjacent volume sources across the project site with a release height of 5 meters, a plume height of 10 meters, and plume width of 10 meters. <u>Operations:</u> ▪ Diesel truck travel was modeled as a line of adjacent volume sources on Riverside Avenue, south of Valley Boulevard, and split between 60% westbound and 40% eastbound on I-10, with a release height of 3.4 meters, a plume height of 6.8 meters, and plume width of 9.7 meters. ▪ Truck idling was modeled as a line of adjacent volume sources along the loading docks, with a release height of 3.4 meters, a plume height of 6.8 meters, and plume width of 3.7 meters. ▪ Diesel yard trucks and forklifts were modeled as a line of adjacent volume sources along the loading docks, with a release height of 3.4 meters, a plume height of 6.8 meters, and plume width of 9.7 meters.

Table 3.3-5. American Meteorological Society/Environmental Protection Agency Regulatory Model Principal Parameters

Parameter	Details
Receptors	A 1.5-kilometer by 1.5-kilometer cartesian grid with receptor spacing of 25 meters was centered over the project site and converted to discrete receptors to include all receptors that could be impacted by project construction.

Notes: AERMOD = American Meteorological Society/Environmental Protection Agency Regulatory Model; SCAQMD = South Coast Air Quality Management District; DPM = diesel particular matter; CalEEMod = California Emissions Estimator Model.
See Appendix A-2.

The health risk calculations were performed using the Hotspots Analysis and Reporting Program Version 2 (HARP2) Air Dispersion and Risk Tool (ADMRT, Version 22118). AERMOD was run with all sources emitting unit emissions (1 gram per second) to obtain the necessary input values for HARP2. The line of volume sources was partitioned evenly based on the 1 gram per second emission rate. The ground-level concentration plot files were then used to estimate the long-term cancer health risk to an individual, and the non-cancer chronic health indices. There is no reference exposure level for acute health impacts from DPM, and, thus, acute risk was not evaluated.

Construction Health Risk Assessment

Results of the construction HRA are presented in Table 3.3-6. Detailed model outputs are presented in Appendix A-2.

Table 3.3-6. Construction Health Risk Assessment Results – Unmitigated

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential	Per Million	1.57	10	Less than Significant
Chronic Hazard Index – Residential	Index Value	0.0015	1.0	Less than Significant

Source: Appendix A-2.
Note: CEQA = California Environmental Quality Act.

As shown in Table 3.3-6, project construction activities would result in a Maximum Individual Cancer Risk of 1.57 in 1 million at the nearest residence, which is less than the significance threshold of 10 in 1 million. Project construction would result in a Chronic Hazard Index of 0.0015, which is below the 1.0 significance threshold. The project construction TAC health risk impacts would be less than significant.

Operational Heath Risk Assessment

For the operational health risk, the operation year 2025 was assumed consistent with completion of project construction. Emissions from the operation of the project include truck trips, truck idling emissions, and off-road diesel-fueled cargo handling equipment. Truck idling would be limited to 5 minutes in accordance with CARB's adopted Airborne Toxic Control Measure; however, truck idling was conservatively assumed to

idle for 15 minutes.[2] Also, all cargo handling equipment was assumed to be diesel, rather than compressed natural gas or electric. Therefore, the analysis likely overestimates DPM emissions and associated risk from idling and off-road equipment.

Results of the operational HRA are presented in Table 3.3-7. Detailed operational model outputs are presented in Appendix A-2.

Table 3.3-7. Operational Health Risk Assessment Results - Unmitigated

Impact Parameter	Units	Impact Level	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential	Per Million	6.37	10	Less than Significant
Chronic Hazard Index – Residential	Index Value	0.0017	1.0	Less than Significant

Source: Appendix A-2.
Notes: CEQA = California Environmental Quality Act

As shown in Table 3.3-7, the DPM emissions from operation of the project would result in a Maximum Individual Cancer Risk of 6.37 in 1 million and a Chronic Hazard Index of 0.0017. The project operational TAC health risk impacts would be less than significant.

Health Impacts of Criteria Air Pollutants

Construction of the project would generate criteria air pollutant emissions; however, the project would not exceed the SCAQMD mass-emission thresholds.

The SCAB is designated as nonattainment for O_3 for the NAAQS and CAAQS. Thus, existing O_3 levels in the SCAB are at unhealthy levels during certain periods. The health effects associated with O_3 generally relate to reduced lung function. Because the project would not involve construction activities that would result in O_3 precursor emissions (VOC or NO_x) that would exceed the SCAQMD thresholds, the project is not anticipated to substantially contribute to regional O_3 concentrations and associated health impacts. Similar to construction, no SCAQMD threshold would be exceeded during operation.

In addition to O_3, NO_x emissions contribute to potential exceedances of the NAAQS and CAAQS for NO_2 (since NO_2 is a constituent of NO_x). Exposure to NO_2 can cause lung irritation, bronchitis, and pneumonia, and lower resistance to respiratory infections. As depicted in Table 3.3-4, project construction and operation would not exceed the SCAQMD localized thresholds for NO_2. Thus, construction and operation of the project are not expected to exceed the NO_2 standards or contribute to associated health effects.

CO tends to be a localized impact associated with congested intersections. CO competes with oxygen, often replacing it in the blood, reducing the blood's ability to transport oxygen to vital organs. The results of excess CO exposure can include dizziness, fatigue, and impairment of central nervous system functions. CO

[2] Although the project is required to comply with CARB's idling limit of 5 minutes, on-site idling emissions was estimated for 15 minutes of truck idling, which would take into account on-site idling while the trucks are waiting to pull up to the loading dock, idling at the loading dock, and idling during check-in and check-out.

hotspots were discussed previously as a less than significant impact. Thus, the project's CO emissions would not contribute to the health effects associated with this pollutant.

The SCAB is designated as nonattainment for PM_{10} under the CAAQS and nonattainment for $PM_{2.5}$ under the NAAQS and CAAQS. Particulate matter contains microscopic solids or liquid droplets that are so small that they can get deep into the lungs and cause serious health problems. Particulate matter exposure has been linked to a variety of problems, including premature death in people with heart or lung disease, nonfatal heart attacks, irregular heartbeat, aggravated asthma, decreased lung function, and increased respiratory symptoms such as irritation of the airways, coughing, or difficulty breathing (EPA 2016). As with O_3 and NO_x, the project would not generate emissions of PM_{10} or $PM_{2.5}$ that would exceed SCAQMD's LSTs. Accordingly, the project's PM_{10} and $PM_{2.5}$ emissions are not expected to cause any increase in related regional health effects for these pollutants.

In summary, the project would not result in any potentially significant contribution to local or regional concentrations of nonattainment pollutants and would not result in a significant contribution to the adverse health impacts associated with those pollutants. Impacts would be less than significant.

d) Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less-than-Significant Impact. The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source; the wind speeds and direction; and the sensitivity of receiving location each contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying and cause distress among the public and generate citizen complaints.

Odors would be potentially generated from vehicles and equipment exhaust emissions during construction of the project. Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment and asphalt pavement application. Such odors would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Therefore, impacts associated with odors during construction would be less than significant.

Land uses and industrial operations associated with odor complaints include agricultural uses, wastewater treatment plants, food-processing plants, chemical plants, composting operations, refineries, landfills, dairies, and fiberglass molding facilities (SCAQMD 1993). The project would replace an existing warehouse with a new warehouse facility and would not create any new sources of odor during operation. Therefore, project operations would result in an odor impact that is less than significant.

3.4 Biological Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES – Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☒	☐
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☒
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

The following analysis is based on a biological resources assessment conducted by Dudek biologists Tommy Molioo and Max Murray on November 29, 2022. This section summarizes the existing biological resources identified within the project site and a surrounding 100-foot buffer (Study Area). A description of the existing soils, vegetation communities, special-status species, jurisdictional waters and wetlands, and potential wildlife corridors are discussed below. Potential direct impacts were analyzed for the 6.82-acre project site, and indirect impacts within the surrounding buffer for a total study area of 12.53 acres.

During the biological reconnaissance survey, all plant and wildlife species observed were recorded in a field notebook and site photographs taken of representative vegetation communities. The vegetation communities and land use within the Study Area were mapped following CDFW's Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities (CDFW 2018) and California Natural Community List (CDFW 2022d), also referred to as the Natural Communities List, based on the Manual of California Vegetation, second edition (Sawyer et al. 2009). These classification systems focus on a quantified, hierarchical approach that includes both floristic (plant species) and physiognomic (community structure and form) factors as currently observed (as opposed to predicting climax or successional stages). Vegetation communities and land covers were delineated to the vegetation alliance level and, where appropriate, the association level. Prior to the survey, Dudek biologists performed an extensive desktop review of literature, existing documentation, and geographic information system (GIS) data to evaluate the potential for special-status plant and wildlife species to occur within the Study area. Each special-status species was assigned a rating of "not expected," "low," "moderate," or "high" potential to occur based on relative location to known occurrences, vegetation community, soil, and elevation. Some modifications, such as the Preliminary Descriptions of the Terrestrial Natural Communities of California (Holland 1986; Oberbauer et al. 2008), were incorporated to accommodate the lack of conformity of the observed communities to those included in these references.

The Study Area's surface elevation ranges between approximately 1,060 and 1,040 feet above mean sea level and gently slopes from the northern boundary along Valley Boulevard to the southern boundary. No significant topographic features, including hills, valleys, or drainages occur on the site. No bodies of water or blue-line streams were noted other than the two flood control channels to the east and south of the project boundary (Figure 3.4-1). According to the USDA Natural Resources Conservation Service's Web Soil Survey (USDA 2022), the Study Area occurs within the San Bernardino County Southwestern Part, California. One soil type was mapped within the study area: Tujunga gravelly loamy sand, 0 to 9% slopes (Figure 3.4-2).

No native or naturalized vegetation communities were observed within the Study Area. The land use mapped within the Study Area is entirely urban/developed area. The vegetation communities and land use within the Study Area were mapped following CDFW's Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities (CDFW 2018) and California Natural Community List (CDFW 2022d), also referred to as the Natural Communities List, based on the Manual of California Vegetation, second edition (Sawyer et al. 2009).

Dudek compiled a general inventory of plant and wildlife species detected by sight, calls, tracks, scat, or other field indicators, and determined the potential for special-status species to occur within the study area. A total of 18 species of native or naturalized plants, 0 native (0%) and 17 non-native (17%), were recorded within the Study Area. A full list of plant species observed is provided in Appendix B. Wildlife species diversity during the survey was low and is likely impacted by the amount of surrounding development, existing disturbances from commercial activities, and lack of native habitats within the study area. A total of 7 wildlife species, consisting of 5 native species (71%) and two non-native species (29%), were recorded within the Study Area (Appendix B). Birds detected on or in the immediate vicinity of the Study Area included: yellow-rumped warbler (*Setophaga coronata*), lesser goldfinch (*Spinus psaltria*), black phoebe (*Sayornis nigricans*), rock pigeon (*Columba livia*), common raven (*Corvus corax*), and red-tailed hawk (*Buteo jamaicensis*). One species of mammal, house cat (*Felis catus*), was detected within the Study Area.

a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

Less-than-Significant with Mitigation Incorporated. The Project site is entirely developed and contains no natural or native habitat capable of supporting special-status plant of wildlife species known to occur in the region. The majority of the Project site contains pavement or is covered with compacted dirt and buildings associated with the mechanic and automobile storage. Of the 74 special-status plant species listed in the CNDDB (CDFW 2022c) and CNPS (CNPS 2022) databases as occurring in the vicinity of the study area, none are expected to occur within the study area due to a lack of suitable habitat. Additionally, all 63 special-status wildlife species that are documented in the region were determined to have no or low potential to occur within the study area based on an evaluation of elevation and vegetation communities known to occur within the study area. The only wildlife species that may occur within the Project site include common and migratory bird species protected by the Migratory Bird Treaty Act and California Fish and Game Code Section 3500. Bird species have the potential to nest within the ornamental landscaped trees on the project site, as well as on existing buildings and structures. Additionally, the project site is surrounded by development and the nearest naturalized area with native plant communities is approximately one mile from the project site, further reducing the potential for any special-status species from moving onto the project site. Therefore, the project will result in no impacts to special-status plants and wildlife.

The project site does provide suitable nesting habitat for a number of common and migratory bird species know to occur in the region. Specifically, bird species adapted to nesting in upland areas in urban settings have the potential to nest within the ornamental landscaped trees on site. Therefore, if project activities commence during the general avian nesting season of February through August, potential direct and indirect impacts may occur during vegetation removal and grading, which would be considered significant. Mitigation Measure (MM) BIO-1 would be implemented during the site preparation phase of the project to identify the presence of any nesting birds and set forth avoidance/minimization measures to reduce impacts to a less than significant level.

MM-BIO-1 The construction contractors contract specifications shall include the following requirements: “Construction activities should avoid the migratory bird nesting season (typically February 1 through August 31), to reduce any potential significant impact to birds that may be nesting on the study area. If construction activities must occur during the migratory bird nesting season, an avian nesting survey of the project site and contiguous habitat within 500 feet of all impact areas must be conducted for protected migratory birds and active nests. The avian nesting survey shall be performed by a qualified wildlife biologist within 72 hours prior to the start of construction in accordance with the Migratory Bird Treaty Act (16 USC 703–712) and California Fish and Game Code, Sections 3503, 3503.5, and 3513. If an active bird nest is found, the nest shall be flagged and mapped on the construction plans along with an appropriate no-disturbance buffer, which will be determined by the biologist based on the species’ sensitivity to disturbance (typically 300 feet for passerines and 500 feet for raptors and special-status species). The nest area shall be avoided until the nest is vacated and the juveniles have fledged. The nest area shall be demarcated in the field with flagging and stakes or construction fencing.”

b) Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

No Impact. The Study Area is located in an entirely developed upland area that contains no natural or man-made drainages that could support riparian habitat. Additionally, the entire study area is developed with asphalt, concrete, hard-packed dirt or landscaped ornamental vegetation and does not support any native or natural habitats. There are no riparian or other hydrophytic vegetation communities on or immediately adjacent to the project site; nor are there any sensitive natural communities. Therefore, construction of the proposed project would have no impact on any riparian habitats or sensitive natural communities.

c) Would the project have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

Less-Than-Significant Impact. The Study Area is in an entirely developed upland area that contains no natural or man-made drainages that could support state and federally protected water ways, or topographical depressions that could support state and federally protected wetlands. Additionally, no NWI-mapped 'blue line' wetlands are mapped on the Study Area. There is no direct on-site connectivity currently or historically to the concrete-lined flood control channels to the east and south of the Study Area. The proposed impact area for the project site is restricted to the existing developed areas and no direct impacts will occur to off-site drainages. Therefore, the project would have no direct impacts to any state or federally protected waters or wetlands.

However, due to proximity of the Rialto channel and unnamed flood channel to the project site there is potential for indirect impacts to occur related to erosion, runoff, and dust. However, these potential impacts would be reduced to a less than significant level with the incorporations of Best Management Practices (BMPs) that the project would be required to adhere to as part of the Stormwater Pollution Prevention Plan (SWPPP) during all construction-related activities. Therefore, the Project would have less than significant impacts with to state- and federally protected waters and wetlands.

d) Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

No Impact. The project site is surrounded by development and does not function as a wildlife movement corridor. Two concrete lined flood control channels are located to the south and east of the project site. The Rialto Channel occurs approximately 110 feet east of the Project site and connects to the Santa Ana River approximately 2 miles downstream. However, the majority of the Rialto Channel is concrete lined until it reaches the City of San Bernardino RIX facility which would be unable to sustain the movement or nursery sites of any native fishes found in the downstream portions of the watershed. Additionally, the two flood control channels located near the project are bound by chain link fences that act as impediments for terrestrial wildlife entering the Project site and utilizing the site as a wildlife corridor. Lastly, the project site does not function as a corridor between two larger patches of native habitat. While there are natural habitat blocks within the greater project region (Cactus Basin and the Santa Ana River), the project site is separated from these features by approximately 2.5 to 3 miles of urban development, precluding the possibility for

wildlife occupying these natural areas to access the Project site. Therefore, the proposed project would have no impacts to wildlife movement or migratory corridors.

e) Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

No Impact. The project site does not contain any trees that could be governed by Chapter 11.08 of the City of Rialto's Municipal Code (City of Rialto 2022a). Additionally, the project site does not contain any open space, wildlife corridors, or conservation easements and Delhi Sands Flower-loving Fly is not expected to occur due to the lack of mapped Delhi sands and host plants (Appendix B) per Policies 2-39.2 and 2-39.3 of the City of Rialto General Plan (City of Rialto 2010). Therefore, the project would not conflict with any local policies or ordinances protecting biological resources.

f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. The Project occurs within the City of Rialto in the County of San Bernardino and is not located within the limits of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan; therefore, there would be no impact.

3.5 Cultural Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES – Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?	☐	☐	☐	☒
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	☐	☒	☐	☐
c) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	☒	☐

The following analysis is based, in part, on the Built Environment Inventory and Evaluation Report prepared by Dudek in January 2023, included as Appendix C-1, and on the Archaeological Resources Assessment prepared by Dudek in January 2023, included as Appendix C-2.

a) Would the project cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?

No Impact. Appendix C-1, Built Environment Inventory and Evaluation Report, includes the results of a California Historical Resources Information System (CHRIS) records search; an intensive survey of the project site by a qualified architectural historian; building development and archival research; development of an

appropriate historic context for the evaluation of the Project site; and recordation and evaluation of six (6) commercial and light industrial buildings over 45 years old for historical significance and integrity in consideration of National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), and City of Rialto designation criteria and integrity requirements. A CHRIS records search was completed by Dudek staff at the South Coastal Information Center on November 22, 2022. The records search results identified that 14 previous cultural resources studies have been conducted within 0.5 miles of the Project site. Of the 14 previous studies, one study overlaps the Project site. No historical resources were identified within the Project site as a result of the overlapping study and no historical resources were identified within 0.50 miles of the Project site.

As described above, the Project site currently consists of properties utilized for trucking and automotive services. The Project site contains six buildings over 45 years old that were identified as requiring recordation and evaluation for historical significance. These six buildings are:

- Property 1: 253 W. Valley Boulevard (APN 0132-171-05) - constructed circa 1964
- Property 2: 285 S. Willow Street (APN 0132-171-03) - constructed circa 1968-1977
- Property 3: No associated address (APN 0132-171-01) - constructed circa 1968
- Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01) - constructed circa 1953.
- Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13) - constructed circa 1977

Dudek evaluated the Project site in accordance with Section 15064.5 (a)(2)-(3) of the CEQA Guidelines and using the criteria outlined in Section 5024.1 of the California Public Resources Code. Dudek concludes that the buildings on the Project site do not appear to be eligible for listing in the NRHP, CRHR, or as City of Rialto designated resources due to a lack of significance and architectural merit. As such, no buildings on the Project site appear to be historical resources under CEQA. Further, no potential indirect impacts to historical resources were identified as the proposed Project has no impact to the built environment beyond the Project site and no impact would occur.

b) Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

Less-than-Significant Impact with Mitigation Incorporated. A CHRIS database records search, background research, including a review of a geotechnical report, and an archaeological pedestrian survey were conducted as part of an Archaeological Resources Assessment that was prepared for the proposed Project (Appendix C-2).

A review of the CHRIS records search (completed November 22, 2022) indicates that 14 cultural resources studies have been conducted within 0.5-mile of the proposed Project site between 1984 and 2008. Of these, one previously conducted investigation overlaps the Project site. However, the Project site was not included in the pedestrian survey conducted for the investigation. This suggests that the proposed Project site has not been subject to any archaeological pedestrian surveys prior to the placement of fill soils or development of the Project site. As a result, there is no record of previously recorded historic-period or prehistoric archaeological resources are on file with the SCCIC as being present within proposed Project site. Two archaeological resources were identified within the 0.5-mile records search area. These resources consist of a prehistoric lithic scatter (P-36-001579/CA-SBR-1579) and a historic-period refuse scatter (P-36-001579/CA-SBR-1579).

A review of aerial photographs for all available years indicates that in general, the proposed Project site has been subjected to consistent ground disturbance, shifting from undeveloped land in the late 1930s with an unchanneled wash to the east that overlapped the northeast corner of the Project site, and transforming steadily to include the development and removal of buildings/structures between the late 1940s to the early 2010s.

A review of the geotechnical report (Appendix D-1) prepared for the proposed Project site determined that fills soils were identified from surface to between 1 and 2.5 feet below existing ground surface within all exploratory boring locations. Current Project design indicates that the depths of ground disturbance across the Project site is 5 feet below the existing ground surface and up to 8 feet below the existing ground surface for underground utilities, suggesting that excavations will occur within native soils.

An intensive-level archaeological survey of the proposed Project site was conducted December 22, 2022. The Project site is almost entirely covered in hardscape consisting of asphalt and compacted fill soils. As such, any exposed soils observed during the archaeological pedestrian survey were likely fill soils from an unknown origin. These soils do not represent the native soils present prior to ground disturbing activities associated with past development. Thus, the current surface expression of observable ground surface is not a good representation of the native soils present prior to development/ground disturbing activities. Given these Project site characteristics, approximately ten percent of the Project site was surveyed for archaeological resources. Remains of a concrete slab foundation from a single-family residence was identified in the northeast corner of the Project site. Archival review indicates that the property occupied this parcel from 1948 through the early 2000s when it was eventually demolished. No further cultural resources considerations are required for this resource as it has been destroyed. No additional historic-period cultural material or material of Native American origin was identified during the survey.

In consideration of all these factors, the potential to encounter intact cultural deposits containing archaeological resources within soils from the current grade to approximately 2.5 feet below existing ground surface is unlikely. However, the potential for intact cultural deposits to exist within native soils (from below 1 foot to 2.5 feet below ground surface [bgs]) to the depths of proposed ground disturbance is unknown. For these reasons, the proposed Project site should be treated as potentially sensitive for archaeological resources. In the event that unanticipated archaeological resources are encountered during project implementation, impacts to these resources would be potentially significant.

Thus, mitigation is required to address impacts related to the inadvertent discovery of archaeological resources during construction, as outlined in MM-CUL-1, MM-CUL-2, and MM-CUL-3. MM-CUL-1 requires that all project construction personnel participate in a Workers Environmental Awareness Program training for the proper identification and treatment of inadvertent discoveries. MM-CUL-2 requires the retention of an on-call qualified archaeologist and a survey of the proposed Project site after the removal of fill soils. MM-CUL-3 requires construction work occurring within 100 feet of a cultural resource discovery and 100 feet of a human remains discovery be immediately halted until the qualified archaeologist, meeting the Secretary of Interior's Professional Qualification Standards for Archaeology, can assess and evaluate the discovery pursuant to CEQA. Additionally, MM-CUL-3 requires the inadvertent discovery clause be included on all construction plans. With implementation of MM-CUL-1, MM-CUL-2, and MM-CUL-3, potentially significant impacts to unknown archaeological resources would be reduced to less than significant with mitigation incorporated.

MM-CUL-1 Workers Environmental Awareness Program. Prior to the start of construction activities, all construction personnel and monitors shall be trained regarding identification and treatment protocol for inadvertent discoveries of cultural resources (archaeological and tribal) and human remains. A basic presentation and handout or pamphlet shall be prepared in order to ensure proper identification and treatment of inadvertent discoveries of cultural resources and human remains. The purpose of the Workers Environmental Awareness Program (WEAP) training is to provide specific details on the kinds of materials that may be identified during ground disturbing activities and explain the importance of and legal basis for the protection of human remains and significant cultural resources. Each worker shall also be trained in the proper procedures to follow in the event that cultural resources or human remains are uncovered during ground disturbing activities. These procedures include but are not limited to work curtailment or redirection, and the immediate contact of the site supervisor and archaeological monitoring staff.

MM-CUL-2 Retention of an On-Call Qualified Archaeologist. A qualified archaeologist shall be retained and on-call to respond and address any inadvertent discoveries identified project implementation. Additionally, in consideration of the potential to encounter intact cultural deposits beneath fill soils, the qualified archaeologist shall survey the Project site once fill soils have been removed to ensure no cultural deposits underly the fill layer. If is determined, based on the aforementioned survey, that cultural resources are present or may be present and may be impacted during Project construction, monitoring may be warranted. Additionally, any identified cultural resources shall be assessed and evaluated pursuant to CEQA. If it is determined that monitoring is warranted, a qualified archaeological principal investigator, meeting the Secretary of the Interior's Professional Qualification Standards, shall oversee and adjust monitoring efforts as needed (increase, decrease, or discontinue monitoring frequency) based on the observed potential for construction activities to encounter cultural deposits or material. The archaeological monitor will be responsible for maintaining daily monitoring logs.

MM-CUL-3 Inadvertent Discovery Clause. In the event that potential archaeological resources (sites, features, or artifacts) are exposed during ground disturbing, all construction work occurring not less than 100 feet of the find shall immediately stop and the qualified archaeologist that has been retained on call must be notified immediately to assess the significance of the find and determine whether or not additional study is warranted. Depending upon the significance of the find under the CEQA, the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work (e.g., preparation of an archaeological treatment plan, testing, data recovery, or monitoring) may be warranted if the resource cannot be feasibly avoided.

In the event that human remains are inadvertently encountered during construction activities, the remains and associated resources shall be treated in accordance with state and local regulations that provide requirements with regard to the discovery of human remains, including California Health and Safety Code Section 7050.5, California Public Resources Code Section 5097.98, and CEQA Guidelines Section 15064.5(e). In accordance with these regulations, if human remains are found, the County Coroner must be immediately notified of the discovery. No further excavation or disturbance of the

Project site or any nearby (no less than 100 feet) area reasonably suspected to overlie adjacent remains can occur until the County Coroner has determined if the remains are potentially human in origin. If the County Coroner determines that the remains are, or are believed to be, Native American, he or she is required to notify the NAHC that shall notify those persons believed to be the most likely descendant. The most likely descendant shall determine, in consultation with the property owner, the disposition of the human remains.

c) Would the project disturb any human remains, including those interred outside of formal cemeteries?

Less-than-Significant Impact. No prehistoric or historic period burials, including those interred outside of formal cemeteries, were identified within the proposed Project site as a result of the CHRIS records search or pedestrian survey. In the event that human remains are inadvertently encountered during ground disturbing activities, they shall be treated consistent with state and local regulations including California Health and Safety Code Section 7050.5, California Public Resources Code Section 5097.98, and the California Code of Regulations Section 15064.5(e). In accordance with these regulations, if human remains are found, the County Coroner must be immediately notified of the discovery. No further excavation or disturbance of the Project site or any nearby (no less than 100 feet) area reasonably suspected to overlie adjacent remains can occur until the County Coroner has determined if the remains are potentially human in origin. If the County Coroner determines that the remains are, or are believed to be, Native American, he or she is required to notify the NAHC that shall notify those persons believed to be the most likely descendant. The most likely descendant shall determine, in consultation with the property owner, the disposition of the human remains. Compliance with these regulations would ensure that impacts to human remains resulting from the proposed project would be less than significant.

3.6 Energy

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. Energy – Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

a) Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less-than-Significant Impact.

Construction

Electricity. Temporary electric power for as-necessary lighting and electronic equipment would be provided by Southern California Edison (SCE). The amount of electricity used during construction would be minimal because typical demand would be generated by electrically powered hand tools. The electricity used for construction activities would be temporary and minimal; therefore, project construction would not result in wasteful, inefficient, or unnecessary consumption of electricity.

Natural Gas. Natural gas is not anticipated to be required during construction of the project. Fuels used for construction would primarily consist of diesel and gasoline, which are discussed below. Any minor amounts of natural gas that may be consumed as a result of project construction would be temporary and negligible and would not have an adverse effect; therefore, project construction would not result in wasteful, inefficient, or unnecessary consumption of natural gas.

Petroleum. The primary energy consumed during construction would be associated with petroleum usage. Potential impacts were assessed for off-road equipment and on-road vehicle trips during construction, as provided by the CalEEMod outputs (see Appendix A-1). Fuel consumption from construction equipment and vehicle trips was estimated by converting the total carbon dioxide (CO_2) emissions anticipated to be generated by the construction of the proposed project to gallons using conversion factors for CO_2 to gallons of gasoline or diesel. The conversion factor for gasoline is 8.78 kilograms per metric ton (MT) CO_2 per gallon, and the conversion factor for diesel is 10.21 kilograms per MT CO_2 per gallon (The Climate Registry 2021). Heavy-duty construction equipment associated with construction activities, vendor trucks, and haul trucks are assumed to use diesel fuel. Worker vehicles are assumed to be gasoline fueled. All details for construction criteria air pollutant emissions modeling discussed in Appendix A-1 are also applicable for the estimation of construction-related energy consumption.

The estimated diesel fuel usage from construction equipment, haul trucks, and vendor trucks, as well as estimated gasoline fuel usage from worker vehicles is shown in Table 3.6-1.

Table 3.6-1. Project Construction Petroleum Demand

Phase	Off-Road Equipment (diesel)	Haul Trucks (diesel)	Vendor Trucks (diesel)	Worker Vehicles (gasoline)
	gallons			
Construction	35,846.59	1,545.64	8,805.88	12,741.57
			Total Petroleum Consumed	**46,198.11**

Notes: See Appendix A-1 for details.

As shown in Table 3.6-1, the project is estimated to consume approximately 46,198 gallons of petroleum during the construction phase.[3] Notably, the project will be subject to CARB's In-Use Off-Road Diesel Vehicle Regulation that applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulation: (1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles, (2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled, (3) restricts the adding of older vehicles into fleets starting on January 1, 2014, and (4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines, or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The fleet must either show that its fleet average index was less than or equal to the calculated fleet average target rate, or that the fleet has met the Best Achievable Control Technology requirements. Overall, because the project would not be unusual as compared to overall local and regional demand for energy resources and would not involve characteristics that require equipment that would be less energy-efficient than at comparable construction sites in the region or state, the project construction would not result in wasteful, inefficient, or unnecessary consumption of petroleum.

Operations

Electricity. The operational phase would require electricity for multiple purposes including building heating and cooling, lighting, appliances, electronics, and for water and wastewater treatment and conveyance. The estimation of operational building energy and water and wastewater for the project was based on the CalEEMod assumptions for the respective land uses, which account for compliance with 2019 Title 24 standards. Table 3.6-2 presents the electricity demand for the project.

Table 3.6-2. Annual Electricity Demand

Scenario	kWh/Year
Buildings	339,644.00
Water/Wastewater	429,041.46
Total Project Demand	**768,685.46**

Source: Appendix A-1
Note: kWh = kilowatt-hour.

According to these estimations, the project would consume approximately 768,685 kilowatt-hours (kWh) per year. The project would be required to comply with the efficiency standards of the California Building Code (Title 24 Part 6 and Part 11), and the additional electricity demand for the proposed project would not be unusual or wasteful as compared to overall local and regional demand for energy resources.[4] For these reasons, electricity consumption of the project would not be considered inefficient or wasteful, and impacts would be less than significant.

Natural Gas. Natural gas consumption during operation would be required building heating and cooling. For building consumption, natural gas generation rates in CalEEMod for the project and climate zone were used. Table 3.6-3 presents the increase in natural gas demand for the project.

[3] For context, in 2019, California consumed about 662 million barrels of oil (EIA 2022). There are 42 U.S. gallons in a barrel, so California consumes approximately 76.2 million gallons of petroleum per day, adding up to an annual consumption of 7.8 billion gallons of petroleum.

[4] For context, in 2020, non-residential electricity demand in San Bernardino County was approximately 9.9 billion kWh (CEC 2022a).

Table 3.6-3. Annual Natural Gas Demand

Scenario	kBtu/Year
Project	
Buildings	273,762.00
Total Project Demand	**273,762.00**

Source: Appendix A-1
Notes: CNG = compressed natural gas; kBtu = thousand British thermal units.

According to these estimations, the project would consume approximately 273,762 kBtu per year. The project would be required to comply with the efficiency standards of the California Building Code (Title 24 Part 6 and Part 11), and the additional natural gas demand for the project would not be unusual or wasteful as compared to other warehouses and the overall local and regional demand for energy resources.[5] For these reasons, natural gas consumption of the project would not be considered inefficient or wasteful, and impacts would be less than significant.

Petroleum. During operations, the majority of fuel consumption resulting from the project would involve the use of motor vehicles traveling to and from the project site. Petroleum fuel consumption associated with motor vehicles is a function of the vehicle-miles traveled (VMT) as a result of project operation. The annual VMT attributable to the project is expected to be 2,143,951 VMT (Appendix A-1). Fuel estimates for the project are provided in Table 3.6-4.

Table 3.6-4. Annual Operational Petroleum Demand

Scenario	Vehicle MT CO2	Kg CO2/Gallon	Gallons
Gasoline	1,031.05	8.78	117,432.08
Diesel	687.37	10.21	67,323.12
		Total Project Petroleum Use	**184,755.20**

Sources: Trips and vehicle CO_2 (Appendix A-1); kg CO_2/Gallon (The Climate Registry 2021).
Notes: MT = metric ton; CO_2 = carbon dioxide; kg = kilogram.

As depicted in Table 3.6-4, the project would consume approximately 184,755 gallons of petroleum per year during operation.

Over the lifetime of the project, the fuel efficiency of the vehicles being used by the employees and trucks for the project is expected to increase. As such, the amount of petroleum consumed as a result of vehicular trips to and from the project site during operation would decrease over time. There are numerous regulations in place that require and encourage increased fuel efficiency. For example, CARB has adopted the Advanced Clean Cars and Advanced Clean Trucks programs to accelerate the market for zero-emission vehicles in both the passenger car and medium/heavy-duty truck sectors. As such, operation of the project is expected to use decreasing amounts of petroleum over time, due to advances in fuel economy.

In summary, although project implementation would result in an increase in petroleum use during operation, over time vehicles would use less petroleum due to advances in fuel economy and the additional natural gas demand for the project would not be unusual or wasteful as compared to other warehouses and the overall local and regional demand for petroleum resources. Given these considerations, the

[5] For context, in 2020, non-residential uses in San Bernardino County consumed about 26 billion kBtu of natural gas (CEC 2022b).

petroleum consumption associated with the proposed project would not be considered inefficient or wasteful, and impacts would be less than significant.

b) Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Less-than-Significant Impact. The project would be subject to and would comply with, at a minimum, the California Building Energy Efficiency Standards (24 CCR, Part 6). Part 6 of Title 24 establishes energy efficiency standards for non-residential buildings constructed in California to reduce energy demand and consumption. As such, the project would comply with the California code requirements for energy efficiency.

Part 11 of Title 24 sets forth voluntary and mandatory energy measures that are applicable to the project under the California Green Building Standards, also known as CALGreen. CALGreen institutes mandatory minimum environmental performance standards for all ground-up, new construction of commercial, low-rise residential, high-rise residential, state-owned buildings, schools, and hospitals, as well as certain residential and non-residential additions and alterations. On this basis, the project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. Therefore, impacts would be less than significant.

3.7 Geology and Soils

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS – Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv) Landslides?	☐	☐	☐	☒
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

a) Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

No Impact. The nearest active Alquist-Priolo Fault Zone to the project site is the San Jacinto Fault, located approximately 5 miles north of the project site (City of Rialto 2010). According to the California Department of Conservation Fault Activity Map (CDOC 2015), the project site is not located in a designated earthquake fault zone. The proposed development lies outside of any Alquist Priolo Special Studies Zone and the potential for damage due to direct fault rupture is considered unlikely (Appendix D-1, Geotechnical Engineering Investigation). In addition, according to the City's General Plan, although several earthquake faults exist within and in proximity to the City, no faults exist beneath the project site (City of Rialto 2010); therefore, no impacts associated with fault rupture would occur.

ii) Strong seismic ground shaking?

Less-than-Significant Impact. Similar to other areas located in the seismically active Southern California region, the City is susceptible to ground shaking caused by the several local fault systems. Historically, Rialto has experienced moderate to strong ground shaking. The San Jacinto, San Andreas, and Cucamonga Faults have the potential of generating earthquakes of maximum magnitudes ranging from 6.7 to 8.0 (City of Rialto 2010); however, the project site is not located within an active fault zone, and the project site would not be affected by ground shaking more than any other area in this seismic region. The project's geotechnical report provides specific design recommendations to ensure the structural integrity of the project in the event that seismic ground shaking is experienced at the project site (Appendix D-1). In addition, the project would be designed in accordance with all applicable provisions established in the current California Building Code, which sets forth specific engineering requirements to ensure structural integrity during a seismic event. Compliance with these requirements would reduce the potential risk to

people and structures with respect to strong seismic ground shaking; therefore, impacts associated with strong seismic ground shaking would be less than significant.

iii) Seismic-related ground failure, including liquefaction?

Less-than-Significant Impact. Liquefaction occurs when partially saturated soil loses its effective stress and enters a liquid state, which can result in the soil's inability to support structures above. Liquefaction can be induced by ground-shaking events and is dependent on soil saturation conditions. According to the Seismic and Geologic Hazards chapter of the City's General Plan, the nearest location with moderate liquefaction susceptibility is approximately 4.5 miles northeast of the project site (City of Rialto 2010), and according to the project's Geotechnical Report, liquefaction is not a concern for the project site (Appendix D-1).

The project would involve the installation of an infiltration basin to capture, treat, and infiltrate stormwater flows on the site. A detailed Infiltration Study (Appendix D-2) was prepared to evaluate the suitability of the site for such a system, taking into account the characteristics of on-site soils. The infiltration study determined that the site is suitable for stormwater infiltration without increasing the potential for settlement of both proposed and existing structures in the project area. Therefore, impacts associated with seismic-related ground failure, including liquefaction, would be less than significant.

iv) Landslides?

No Impact. The project site is not located adjacent to or near any geographical feature that would be susceptible to landslides. The project site is relatively flat, exhibiting only a slight southerly gradient (Appendix D-1). No other significant surface features are identified within the project limits. As a result, the probability of a landslide on or near the project site is low; therefore, no impacts associated with landslides would occur.

b) Would the project result in substantial soil erosion or the loss of topsoil?

Short-Term Construction Impacts

Less-than-Significant Impact. Because the project would result in 1 acre or more of ground disturbance, the project would be subject to the National Pollutant Discharge Elimination System (NPDES) stormwater program, which requires obtaining coverage under the State Water Resources Control Board's General Permit for Discharges of Stormwater Associated with Construction Activity (Construction General Permit; Order 2009-0009-DWQ). Construction activities subject to the Construction General Permit include clearing, grading, and disturbances to the ground such as stockpiling and excavating. The Construction General Permit requires development and implementation of a Stormwater Pollution Prevention Plan (SWPPP). Among the required items that must be included within a SWPPP are project design features intended to protect against substantial soil erosion as a result of water and wind, commonly known as best management practices (BMPs). Typical BMPs include maintaining or creating drainages to convey and direct surface runoff from bare areas, and installing physical barriers such as berms, silt fencing, wattles, straw bales, and gabions. Implementation of a Construction General Permit, including preparation of a SWPPP and implementation of BMPs, would reduce both stormwater runoff and soil erosion impacts to acceptable levels; therefore, short-term construction impacts associated with soil erosion would be less than significant.

Long-Term Operational Impacts

Less-than-Significant Impact. Once developed, the project site would include a warehouse building and paved surfaces, all of which would stabilize and help retain on-site soils. The project site would also contain pervious landscape areas that would include a mix of trees, shrubs, plants, and groundcover, which would also help retain on-site soils while preventing wind and water erosion from occurring; therefore, long-term operational impacts associated with soil erosion would be less than significant.

c) Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

Less-than-Significant Impact**.** The project site is not susceptible to landslide or liquefaction. In addition, the project would be designed in accordance with all applicable provisions established in the current California Building Code, which sets forth engineering requirements to ensure structural integrity, regardless of the characteristics of underlying soils. The project would be designed consistent with the specific design recommendations of the project's geotechnical report (Appendix D-1). Compliance with the requirements of the California Building Code would further reduce the potential risk to people and structures with respect to a variety of geotechnical constraints; therefore, impacts associated with unstable geologic units/soils would be less than significant.

d) Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Less-than-Significant Impact. Expansive soils are characterized by their potential shrink/swell behavior. Shrink/swell is the change in volume (expansion and contraction) that occurs in certain fine-grained clay sediments from the cycle of wetting and drying. The volume change is influenced by the amount of moisture and the amount of clay in the soil. The soils at the project site are very low (Expansion Index=0-20) in expansion potential (Appendix D-1). Further, compliance with California Building Code requirements would reduce the potential risk to people and structures due to unstable and expansive soils; therefore, impacts associated with expansive soils would be less than significant.

e) Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No Impact. The project would connect directly to the municipal sewer system and would not require septic tanks or any other alternative wastewater disposal system; therefore, no impacts associated with the adequacy of soils and septic systems would occur.

f) Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less-than-Significant Impact with Mitigation Incorporated. Paleontological resources are the remains or traces of plants and animals that are preserved in the Earth's crust, and per the Society of Vertebrate Paleontology (SVP 2010) guidelines, are older than written history or older than approximately 5,000 years. They are limited, nonrenewable resources of scientific and educational value, which are afforded protection under state laws and regulations.

According to surficial geological mapping by Dibblee and Minch (2004) at a scale of 1:24,000, the proposed project site is underlain by Holocene (< 11,700 years ago) alluvium (map unit Qa). The geotechnical report indicated the project site is underlain by a layer of artificial fill ranging from 1 to 2.5 feet in thickness (Appendix D-1). The artificial fill is in turn underlain by coarse-grained alluvium with occasional cobbles. Holocene alluvium has low paleontological sensitivity on the surface due to the young age; however, the sensitivity increases with depth, where the Holocene alluvium transitions to Pleistocene alluvium.

Dudek submitted a paleontological records search request to the Natural History Museum of Los Angeles County (LACM) for the proposed project site and the surrounding vicinity on November 29, 2022, and the results were received on December 11, 2022. The LACM reported no vertebrate fossil localities from within or near the proposed project site; however, they did report fossil localities from Pleistocene sedimentary deposits in the region (LACM 2022). These localities include LACM VP (Vertebrate Paleontology) 4619, which produced a mammoth (*Mammuthus*) from 100 feet bgs along Wineville Avenue in Eastvale. LACM 7811 yielded a fossil whipsnake (*Masticophis*) from 9 to 11 feet bgs in Chino Valley. A Bovid (Bovidae) was recovered in Corona from an unknown depth bgs. LACM VP 1728 produced horse (*Equus*) and camel (*Camelops*) from 15 to 20 feet bgs in Chino. A fossil horse (*Equus*) (LACM VP 7268 and 7271) was recovered from an unknown depth bgs south of Los Serranos Golf Course in the City of Chino Hills. Also in Chino Hills, LACM VP 7508 yielded an elephant relative (Proboscidea) and horse (*Equus*) from an unknown depth bgs. Finally, an undetermined member of the horse family (Equidae) (LACM VP 4540) was recovered from an unknown depth bgs in San Jacinto Valley.

The coarse-grained Holocene alluvial sediments underlying the proposed project site have low paleontological sensitivity due to their young age and the high energy environment associated with their deposition. These deposits are likely underlain by older, Pleistocene alluvial sediments. Although unlikely, due to the limited ground disturbance required for the proposed project, there is a possibility of encountering previously undiscovered paleontological resources at subsurface levels during ground-disturbing activities associated with the proposed project. Implementation of mitigation measure MM-GEO-1 would ensure that potential impacts to paleontological resources during construction activities are reduced to below a level of significance. Impacts would therefore be less than significant with mitigation incorporated. No further mitigation is required.

MM-GEO-1 Inadvertent Discovery Clause**.** In the event that paleontological resources (e.g., fossils) are exposed during construction activities for the project, all construction work occurring within 100 feet of the find shall immediately stop until a qualified paleontologist meeting the professional standards of the Society of Vertebrate Paleontology can evaluate the significance of the find and determine whether or not additional study is warranted. If the discovery is clearly not significant, the paleontologist may document the find and allow work to continue. If the discovery proves potentially significant under CEQA, additional work such as preparation of a paleontological treatment plan and monitoring in the area of the find may be warranted.

3.8 Greenhouse Gas Emissions

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. GREENHOUSE GAS EMISSIONS – Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less-than-Significant Impact. In October 2008, the SCAQMD proposed recommended numeric CEQA significance thresholds for GHG emissions for lead agencies to use in assessing GHG impacts of residential and commercial development projects as presented in its *Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold* (SCAQMD 2008a). This guidance document explored various approaches for establishing a significance threshold for GHG emissions. The draft interim CEQA thresholds guidance document was not adopted or approved by the Governing Board. However, in December 2008, the SCAQMD adopted an interim 10,000 MT CO_2e per-year screening level threshold for stationary source/industrial projects for which the SCAQMD is the lead agency (SCAQMD 2008b). The 10,000 metric tons carbon dioxide-equivalent (MT CO_2e) per-year threshold, which was derived from GHG reduction targets established in Executive Order (EO) S-03-05, was based on the conclusion that the threshold was consistent with achieving an emissions capture rate of 90% of all new or modified stationary source projects.

SCAQMD formed a GHG CEQA Significance Threshold Working Group to work with SCAQMD staff on developing GHG CEQA significance thresholds until statewide significance thresholds or guidelines are established. From December 2008 to September 2010, SCAQMD hosted working group meetings and revised the draft threshold proposal several times, although it did not officially provide these proposals in a subsequent document. SCAQMD has continued to consider adoption of significance thresholds for residential and general land use development projects. The most recent proposal, issued in September 2010, uses the following tiered approach to evaluate potential GHG impacts from various uses (SCAQMD 2010):

Tier 1 Determine if CEQA categorical exemptions are applicable. If not, move to Tier 2.

Tier 2 Consider whether or not the project is consistent with a locally adopted GHG reduction plan that has gone through public hearing and CEQA review, that has an approved inventory, includes monitoring, etc. If not, move to Tier 3.

Tier 3 Consider whether the project generates GHG emissions in excess of screening thresholds for individual land uses. The 10,000 MT CO_2e per year threshold for industrial uses would

be recommended for use by all lead agencies. Under option 1, separate screening thresholds are proposed for residential projects (3,500 MT CO_2e per year), commercial projects (1,400 MT CO_2e per year), and mixed-use projects (3,000 MT CO_2e per year). Under option 2, a single numerical screening threshold of 3,000 MT CO_2e per year would be used for all non-stationary source projects. If the project generates emissions in excess of the applicable screening threshold, move to Tier 4.

Tier 4 Consider whether the project generates GHG emissions in excess of applicable performance standards for the project service population (population plus employment). The efficiency targets were established based on the goal of AB 32 to reduce statewide GHG emissions to 1990 levels by 2020. The 2020 efficiency targets are 4.8 MT CO_2e per service population for project level analyses and 6.6 MT CO_2e per service population for plan level analyses. If the project generates emissions in excess of the applicable efficiency targets, move to Tier 5.

Tier 5 Consider the implementation of CEQA mitigation (including the purchase of GHG offsets) to reduce the project efficiency target to Tier 4 levels.

The City has determined that the SCAQMD's draft threshold of 3,000 MT CO_2e per year is conservative and appropriate for industrial and warehouse land use development projects. Per the SCAQMD guidance, construction emissions should be amortized over the operational life of the project, which is assumed to be 30 years (SCAQMD 2008a). This impact analysis, therefore, adds amortized construction emissions to the estimated annual operational emissions and then compares operational emissions to the proposed SCAQMD threshold of 3,000 MT CO_2e per year.

Construction Emissions

Construction of the project would result in GHG emissions, which are primarily associated with use of off-road construction equipment, on-road vendor trucks, and worker vehicles. CalEEMod was used to estimate GHG emissions during construction. Construction of the project is anticipated to last up to 15 months. Table 3.8-1 presents construction GHG emissions for the project.

Table 3.8-1. Estimated Annual Construction GHG Emissions

Year	CO_2	CH_4	N_2O	CO_2e
	Metric Tons			
2024	521.08	0.09	0.02	528.38
2025	62.48	0.01	<0.01	63.21
			Total	591.59
			Annualized emissions over 30 years (metric tons per year)	*19.72*

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent; GHG = greenhouse gas.
See Appendix A-1 for complete results. Values of "<0.01" indicate that the estimated emissions are less than two decimals.

As shown in Table 3.8-1, the estimated total GHG emissions during construction would be approximately 592 MT CO_2e. Estimated project-generated construction emissions amortized over 30 years would be approximately 20 MT CO_2e per year.

Operational Emissions

CalEEMod was used to estimate potential operational GHG emissions from energy sources (natural gas and electricity), mobile sources, solid waste, and water supply and wastewater treatment for the project. In addition, GHGs generated by forklifts and yard trucks were estimated for the project. Operational year 2025 was assumed as the first full year of operation for the project. Table 3.8-2 presents the increase in GHG emissions from the project.

Table 3.8-2. Estimated Annual Operation GHG Emissions

Emissions Source	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
Area	0.01	<0.01	0.00	0.01
Energy	74.84	0.01	<0.01	75.24
Mobile	1,718.42	0.06	0.23	1,787.36
Off-Road (Forklifts)	357.78	0.12	0.00	360.67
Waste	26.01	1.54	0.00	64.45
Water	86.08	1.03	0.03	119.35
			Total	**2,407.08**
			Amortized Construction Emissions	*19.72*
			Total with Amortized Construction Emissions	**2,426.80**

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent.
See Appendix A-1 for complete results. Values of "<0.01" indicate that the estimated emissions are less than two decimals.

As shown in Table 3.8-2, the estimated GHG emissions from operation of the project would be approximately 2,427 MT CO_2e per year, including amortized construction emissions. Annual operational GHG emissions with amortized construction emissions would not exceed the SCAQMD recommended threshold of 3,000 MT CO_2e per year. This impact would be less than significant.

b) Would the project generate conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less-than-Significant Impact.

Project Consistency with State Reduction Targets and CARB's Scoping Plan

The California State Legislature passed the Global Warming Solutions Act of 2006 (Assembly Bill 32 [AB 32]) to provide initial direction to limit California's GHG emissions to 1990 levels by 2020 and initiate the state's long-range climate objectives. Since the passage of AB 32, the State has adopted GHG emissions reduction targets for future years beyond the initial 2020 horizon year. For the proposed project, the relevant GHG emissions reduction targets include those established by Senate Bill 32 (SB 32) and AB 1279, which require GHG emissions be reduced to 40% below 1990 levels by 2030, and 85% below 1990 levels by 2045, respectively. In addition, AB 1279 requires the state achieve net zero GHG emissions by no later than 2045 and achieve and maintain net negative GHG emissions thereafter.

As defined by AB 32, the California Air Resources Board (CARB) is required to develop The Scoping Plan, which provides the framework for actions to achieve the State's GHG emission targets. The Scoping Plan is

required to be updated every five years and requires CARB and other state agencies to adopt regulations and initiatives that will reduce GHG emissions statewide. The first Scoping Plan was adopted in 2008, and was updated in 2014, 2017, and most recently in 2022. While the Scoping Plan is not directly applicable to specific projects, nor is it intended to be used for project-level evaluations,[6] it is the official framework for the measures and regulations that will be implemented to reduce California's GHG emissions in alignment with the adopted targets. Therefore, a project would be found to not conflict with the statutes if it would meet the Scoping Plan policies and would not impede attainment of the goals therein.

CARB's 2017 Scoping Plan update was the first to address the state's strategy for achieving the 2030 GHG reduction target set forth in SB 32 (CARB 2017), and the most recent CARB 2022 Scoping Plan update outlines the state's plan to reduce emissions and achieve carbon neutrality by 2045 in alignment with AB 1279 and assesses progress is making toward the 2030 SB 32 target (CARB 2022). As such, given that SB 32 and AB 1279 are the relevant GHG emission targets, the 2017 and 2022 Scoping Plan updates that outline the strategy to achieve those targets, are the most applicable to the proposed project.

The 2017 *Climate Change Scoping Plan Update* (Second Update) included measures to promote renewable energy and energy efficiency (including the mandates of SB 350), increase stringency of the Low Carbon Fuel Standard (LCFS), measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed Short-Lived Climate Pollutant Plan, and increase stringency of SB 375 targets. The *2022 Scoping Plan for Achieving Carbon Neutrality* (Third Update) builds upon and accelerates programs currently in place, including moving to zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high global warming potential; providing communities with sustainable options for walking, biking, and public transit; and displacement of fossil-fuel fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines) (CARB 2022).

Many of the measures and programs included in the Scoping Plan would result in the reduction of project-related GHG emissions with no action required at the project-level, including GHG emission reductions through increased energy efficiency and renewable energy production (SB 350), reduction in carbon intensity of transportation fuels (LCFS), and the accelerated efficiency and electrification of the statewide vehicle fleet (Mobile Source Strategy). Given that the proposed project is also not anticipated to result in substantial increase in mobile trips (see Section 3.17, *Transportation)*, the project would also not conflict with the Second Update's goal of reducing GHG emissions through reductions in VMT statewide.

The 2045 carbon neutrality goal required CARB to expand proposed actions in the Third Update to include those that capture and store carbon in addition to those that reduce only anthropogenic sources of GHG emissions. The proposed project would support the state's carbon neutrality goals, as implementation includes addition of urban-tree and native plantings throughout the project site, which represent opportunities for potential carbon removal and sequestration over the project lifetime; the project would include approximately 1.43 acres of landscaped area. However, the Third Update emphasizes that reliance on carbon sequestration in the state's natural and working lands will not be sufficient to address residual GHG emissions, and achieving carbon neutrality will require research, development, and deployment of additional methods to capture atmospheric GHG emissions (e.g., mechanical direct air capture). Given that

6 The Final Statement of Reasons for the amendments to the CEQA Guidelines reiterates the statement in the Initial Statement of Reasons that "[t]he Scoping Plan may not be appropriate for use in determining the significance of individual projects because it is conceptual at this stage and relies on the future development of regulations to implement the strategies identified in the Scoping Plan" (CNRA 2009).

the specific path to neutrality will require development of technologies and programs that are not currently known or available, the project's role in supporting the statewide goal would be speculative and cannot be wholly identified at this time.

Overall, the proposed project would comply will all regulations adopted in furtherance of the Scoping Plan to the extent applicable and required by law. As mentioned above, several Scoping Plan measures would result in reductions of project-related GHG emissions with no action required at the project-level, including those related to energy efficiency, reduced fossil fuel use, and renewable energy production. As demonstrated above, the proposed project would not conflict with CARB's 2017 or 2022 Scoping Plan updates and with the state's ability to achieve the 2030 and 2045 GHG reduction and carbon neutrality goals. Further, the proposed project's consistency with the applicable measures and programs would assist in meeting the City's contribution to GHG emission reduction targets in California.

Potential to Conflict with the Southern California Association of Governments 2020–2045 Regional Transportation Plan/Sustainable Communities Strategy

The SCAG 2020–2045 RTP/SCS is a regional growth management strategy that targets per capita GHG reduction from passenger vehicles and light trucks in the Southern California Region pursuant to SB 375 (SCAG 2020a). In addition to demonstrating the region's ability to attain the GHG emission-reduction targets set forth by CARB, the 2020-2045 RTP/SCS outlines a series of actions and strategies for integrating the transportation network with an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands. Thus, successful implementation of the 2020-2045 RTP/SCS would result in more complete communities with various transportation and housing choices while reducing automobile use.

The following strategies are intended to be supportive of implementing the 2020-2045 RTP/SCS and reducing GHGs: focus growth near destinations and mobility options; promote diverse housing choices; leverage technology innovations; support implementation of sustainability policies; and promote a green region (SCAG 2020a). The strategies that pertain to residential development and SCAG's support of local jurisdiction sustainability efforts would not apply to the project. The project's potential to conflict with the remaining applicable strategies is presented below.

- Focus Growth Near Destinations and Mobility Options. One of the strategies within the 2020-2045 RPT/SCS is to, among other aspects, expand job opportunities near transit and along center-focused main streets, as well as the promote the redevelopment of underperforming retail development and other outmoded non-residential uses. The project would not conflict with this strategy of the 2020-2045 RTP/SCS as the project is located within 0.5-mile of major roadways (San Bernardino Freeway, West Valley Boulevard, and South Riverside Avenue) and supports the redevelopment of an older office/warehouse building use, which will also expand job opportunities.
- Leverage Technology Innovations. One of the technology innovations identified in the 2020-2045 RTP/SCS that would apply to the project is the promotion and support of low emission technologies for transportation, such as alternative fueled vehicles to reduce per capita GHG emissions. The project would not conflict with SCAG's ability to implement this strategy.
- Promote a Green Region. The third applicable strategy within the 2020-2045 RTP/SCS, for individual developments, such as the project, involves promoting a green region through efforts such as supporting local policies for renewable energy production and promoting more resource

> efficient development (e.g., reducing energy consumption) to reduce GHG emissions. The project would support this measure by meeting all applicable green building standards, including Title 24 Part 6 (California Energy Efficiency Standards) and Part 11 (California Green Building Standards), that are in effect at the time of design and construction.

Based on the analysis above, the project would be consistent with the SCAG 2020-2045 RTP/SCS.

Potential to Conflict with Executive Order S-03-05 and Senate Bill 32

The project would not impede the attainment of the GHG reduction goals for 2030 or 2050 identified in EO S-03-05 and SB 32. EO S-03-05 establishes the following goals: GHG emissions should be reduced to 2000 levels by 2010, to 1990 levels by 2020, and to 80% below 1990 levels by 2050. SB 32 establishes for a statewide GHG emissions reduction target whereby CARB, in adopting rules and regulations to achieve the maximum technologically feasible and cost-effective GHG emissions reductions, shall ensure that statewide GHG emissions are reduced to at least 40% below 1990 levels by December 31, 2030. While there are no established protocols or thresholds of significance for that future year analysis, CARB forecasts that compliance with the current Scoping Plan puts the state on a trajectory toward meeting these long-term GHG goals, although the specific path to compliance is unknown (CARB 2014).

CARB has expressed optimism with regard to both the 2030 and 2050 goals. It states in the First Update to the Climate Change Scoping Plan that "California is on track to meet the near-term 2020 GHG emissions limit and is well positioned to maintain and continue reductions beyond 2020 as required by AB 32" (CARB 2014). With regard to the 2050 target for reducing GHG emissions to 80% below 1990 levels, the First Update to the Climate Change Scoping Plan states the following (CARB 2014):

> This level of reduction is achievable in California. In fact, if California realizes the expected benefits of existing policy goals (such as 12,000 megawatts of renewable distributed generation by 2020, net zero energy homes after 2020, existing building retrofits under AB 758, and others) it could reduce emissions by 2030 to levels squarely in line with those needed in the developed world and to stay on track to reduce emissions to 80% below 1990 levels by 2050. Additional measures, including locally driven measures and those necessary to meet federal air quality standards in 2032, could lead to even greater emission reductions.

In other words, CARB believes that the state is on a trajectory to meet the 2030 and 2050 GHG reduction targets set forth in AB 32, SB 32, and EO S-03-05. This is confirmed in the Second Update to the Scoping Plan, which states (CARB 2017):

> The Proposed Plan builds upon the successful framework established by the Initial Scoping Plan and First Update, while also identifying new, technologically feasibility and cost-effective strategies to ensure that California meets its GHG reduction targets in a way that promotes and rewards innovation, continues to foster economic growth, and delivers improvements to the environment and public health, including in disadvantaged communities. The Proposed Plan is developed to be consistent with requirements set forth in AB 32, SB 32, and AB 197.

As discussed previously, the project is consistent with the GHG emission reduction measures in the Scoping Plan and SCAG's 2020–2045 RTP/SCS and would not conflict with the state's trajectory toward future GHG reductions. In addition, since the specific path to compliance for the state in regard to the long-term goals will likely require development of technology or other changes that are not currently known or available, specific additional mitigation measures for the project would be speculative and cannot be identified at this time. With respect to future GHG targets under SB 32 and EO S-03-05, CARB has also made clear its legal interpretation is that it has the requisite authority to adopt whatever regulations are necessary, beyond the AB 32 horizon year of 2020, to meet SB 32's 40% reduction target by 2030 and EO S-03-05's 80% reduction target by 2050; this legal interpretation by an expert agency provides evidence that future regulations will be adopted to continue the state on its trajectory toward meeting these future GHG targets.

Based on the considerations previously outlined, the project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs, and no mitigation is required. Therefore, the project's impact associated with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs would be less than significant.

3.9 Hazards and Hazardous Materials

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. HAZARDS AND HAZARDOUS MATERIALS – Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒
d) Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☐	☒

The following analysis is based, in part, on the Phase I Environmental Site Assessment (ESA) prepared by Hazard Management Consulting Inc. in January 2022 (Appendix E-1) and the Phase II Environmental Site Assessment prepared by Hazard Management Consulting Inc. in March 2022 (Appendix E-2).

a) Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less-than-Significant Impact.

Short-Term Construction Impacts

In January 2022, a Phase I ESA (Appendix E-1) was prepared by Hazard Management Consulting Inc. in accordance with American Society of Testing and Materials Standards and Standards and Practices for All Appropriate Inquiries. The Phase I ESA covered the entirety of the project site. Based on the results of the research, available data, and a site survey, the Phase I ESA found that the industrial history of the site, reported discharge of chemicals to soil, existing uses resulting in spills and staining, and unaccounted for underground storage tanks (USTs) are all considered recognized environmental conditions (RECs). Additionally, the closed leaking underground storage tank (LUST) case at the site was considered a historical recognized environmental condition (HREC), and no controlled recognized environmental conditions (CREC) were identified on the site.

In addition, the Phase I ESA noted that due to the age of the on-site buildings and structures, it is likely that asbestos-containing materials (ACM) were used in their construction. Demolition of these buildings and structures can cause encapsulated ACM (if present) to become friable and, once airborne, would be considered a carcinogen. A carcinogen is a substance that causes cancer or helps cancer grow. Such releases could pose significant risks to persons living and working in and around the project area, as well as to project construction workers. Due to this likelihood of ACMs being present in existing on-site buildings, a pre-demolition ACM survey would be conducted prior to any disturbance of suspected ACMs.

Abatement of all ACM encountered during any future building demolition activities would be required to be conducted in accordance with all applicable laws and regulations, including those of the EPA (which regulates disposal), Occupational Safety and Health Administration (OSHA), U.S. Department of Housing and Urban Development, Cal/OSHA (which regulates employee exposure), and SCAQMD.

For example, the EPA requires that all asbestos work performed within regulated areas be supervised by a person who is trained as an asbestos supervisor (EPA Asbestos Hazard Emergency Response Act, 40 CFR 763). SCAQMD's Rule 1403 requires that buildings undergoing demolition or renovation be surveyed for ACM prior to any demolition or renovation activities. Should ACM be identified, Rule 1403 requires that ACM be safely removed and disposed of at a regulated disposal site, if possible. If it is not possible to safely remove ACM, Rule 1403 requires that safe procedures be used to demolish the building with asbestos in place without resulting in a significant release of asbestos to the environment. Additionally, during demolition, grading, and excavation, all construction workers would be required to comply with the requirements of Title 8 of the California Code of Regulations, Section 1529 (Asbestos), which provides the exposure limits, exposure monitoring, respiratory protection, and good working practices by workers exposed to asbestos.

Mandatory compliance with these regulatory requirements would ensure that construction workers and the public are not exposed to significant ACM health hazards during demolition and/or transport of demolition waste to an appropriate disposal facility and would ensure that impacts related to ACM are less than significant.

Based on the findings of the Phase I ESA, a Phase II ESA (Appendix E-2) was prepared to assess the potential for the release of hazardous substances at the project associated with the identified recognized environmental conditions. As part of this process, 12 soil samples were taken on the project site for soil testing and 14 vapor probe locations were utilized for soil vapor testing.

The results of the soil sample testing found that the project site did not have any concentrations above the regulatory screening criteria, with the exception of benzene. Benzene was observed at concentrations exceeding commercial/industrial screening levels, however, the presence of benzene in soil vapor is consistent with background ambient air benzene concentrations encountered in commercial/industrial areas. Therefore, the detected subsurface soil vapor benzene concentrations do not appear to be associated with a site release incident and no additional actions are recommended.

Potentially hazardous materials would likely be handled on the project site as part of project construction. These materials would include gasoline, diesel fuel, lubricants, and other petroleum-based products required to operate and maintain construction equipment. Handling of these potentially hazardous materials would be temporary and would coincide with the short-term construction phase of the project.

Although these materials would likely be stored on the project site, storage would be required to comply with the guidelines set forth by each product's manufacturer and with all applicable federal, state, and local regulations pertaining to the storage of hazardous materials. Consistent with federal, state, and local requirements, the transport of hazardous materials to and from the project site would be conducted by a licensed contractor. ALI handling, transport, use, or disposal of hazardous materials must comply with all relevant federal, state, and local agencies and regulations, including EPA, the California Department of Toxic Substances Control, OSHA, the California Department of Transportation (Caltrans), the Resource Conservation and Recovery Act, and the SCAQMD. Therefore, with compliance with applicable regulations,

short-term construction impacts related to the transport, use or disposal of hazardous materials would be less than significant.

Long-Term Operational Impacts

Potentially hazardous materials associated with project operations would include materials used during typical cleaning and maintenance activities. Although these potentially hazardous materials would vary, they would generally include household cleaning products, paints, fertilizers, and herbicides and pesticides. Many of these materials are considered household hazardous wastes, common wastes, and/or universal wastes by the EPA, which considers these types of wastes to be common to businesses and households and to pose a lower risk to people and the environment than other hazardous wastes when properly handled, transported, used, and disposed of (EPA 2022). Federal, state, and local regulations typically allow these types of wastes to be handled and disposed of with less stringent standards than other hazardous wastes, and many of these wastes do not have to be managed as hazardous waste. Additionally, any potentially hazardous material handled on the project site would be limited in both quantity and concentrations, consistent with other similar industrial uses located in the City, and any handling, transport, use, and disposal would be required to comply with applicable federal, state, and local agencies and regulations. Further, as mandated by OSHA (OSHA n.d.), all hazardous materials stored on the project site would be accompanied by a Material Safety Data Sheet, which would inform employees and first responders as to the necessary remediation procedures in the case of accidental release. Therefore, long-term operational impacts associated with hazardous materials would be less than significant.

b) Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less-than-Significant Impact. Refer to Section 3.9(a).

c) Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

No Impact. The nearest school to the project site is Joe Baca Middle School (1640 S Lilac Ave.), which is located 0.27 miles west of the project site. Therefore, no impacts associated with emitting or handling hazardous materials within 0.25 miles of a school would occur.

d) Would the project be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

No Impact. The project site is not included on any hazardous waste site lists, including the California Department of Toxic Substances Control's EnviroStor database, the State Water Resources Control Board's GeoTracker site, the Cortese list, or other lists compiled pursuant to Section 65962.5 of the Government Code (CalEPA 2022; DTSC 2022; SWRCB 2022). Therefore, no impacts associated with hazardous materials sites would occur.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

No Impact. The project site is located approximately 11.5 miles east of Ontario International Airport and approximately 9 miles northeast of the Riverside Municipal Airport. The project site is not located within the Airport Influence Area of the Ontario International Airport nor the Riverside Municipal Airport (City of Ontario 2011; County of Riverside 2005). Further, based on the relatively large distance between the project site and these public airports, the project would not result in a safety hazard for people working in the project area; therefore, no impacts associated with public airport hazards would occur.

f) Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Less-than-Significant Impact. Typically, roadway facilities designated by the City of Rialto General Plan Circulation chapter (City of Rialto 2010) as major, modified, or secondary arterials, as well as other streets with regional access, are assumed to serve as evacuation routes in the event of a regional emergency. Vehicle access to the project site would be provided via S. Willow Avenue, S. Alice Avenue and W. Valley Boulevard. Valley Boulevard is classified as a major highway in the Gateway Specific Plan (City of Rialto 1990). Valley Boulevard, located to the north of the project site, provides direct regional access to I-10, located to the south of the project site; thus, this street would serve as an emergency evacuation route for the project area. None of the proposed frontage improvements along South Willow Avenue, West Valley Boulevard, and South Alice Avenue would impede response or evacuation activities in the event of an emergency; therefore, impacts associated with emergency response and evacuation routes would be less than significant.

g) Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

No Impact. According to CAL FIRE's 2008 High Fire Hazard Severity Zones, the project site is not located in an area identified as being susceptible to wildland fire (CAL FIRE 2008). In addition, the City of Rialto General Plan, Exhibit 5.3, Fire Hazards, does not identify the project site as being located in a fire hazards severity zone (City of Rialto 2010). Further, the project site is located in a predominantly developed portion of the City, and no wildland/urban interfaces occur on or near the project site; therefore, no impacts associated with wildland fire would occur.

3.10 Hydrology and Water Quality

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
X. HYDROLOGY AND WATER QUALITY – Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i) result in substantial erosion or siltation on- or off-site;	☐	☐	☒	☐
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off site;	☐	☐	☒	☐
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) impede or redirect flood flows?	☐	☐	☐	☒
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

The following analysis is based on the Water Quality Management Plan and the Preliminary Hydrology Report prepared for the project in July 2022 by Huitt-Zollars, Inc., and is included as Appendices F-1 and F-2, respectively.

a) Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Short-Term Construction Impact

Less-than-Significant Impact. Construction of the project would include earthwork activities that could potentially result in erosion and sedimentation, which could subsequently degrade downstream receiving waters and violate water quality standards. Stormwater runoff during the construction phase may contain silt and debris, resulting in a short-term increase in the sediment load of the municipal storm drain system. Substances such as oils, fuels, paints, and solvents may be inadvertently spilled on the project site and subsequently conveyed via stormwater to nearby drainages, watersheds, and groundwater.

The project would be subject to the municipal NPDES permit, which requires measures to prohibit non-stormwater discharges into the storm sewer and to control the discharge of stormwater to the maximum extent practical. These measures include BMPs, control techniques, and system design methods. The Santa Ana Regional Water Quality Control Board (RWQCB) issues NPDES permits for construction activities that would involve 1 acre or more. The City falls within the jurisdiction of San Bernardino County and, thus, is subject to the municipal stormwater permit issued by the Santa Ana RWQCB.

The NPDES permit requires implementation of a stormwater quality management program that specifies guidelines to control, reduce, and monitor discharges of waste to storm drains. As such, through compliance with the water quality standards set forth in the NPDES permit, the wastewater generated during construction of the project would not adversely affect water quality; therefore, short-term construction impacts associated with water quality would be less than significant.

Long-Term Operational Impacts

Less-than-Significant Impact. The project would be subject to the Municipal Separate Storm Sewer System (MS4) Permit, issued to San Bernardino County and incorporated cities within San Bernardino County by the Santa Ana RWQCB. The MS4 Permit requires implementation of low-impact development BMPs to prevent pollutants from being discharged off site by mimicking pre-development site hydrology and feasible source control. The low-impact development ordinance is designed to reduce runoff from impervious surfaces through landscape design that promotes water retention, permeable surface design, natural drainage systems, and on-site retention where feasible. These project-specific designs would reduce impacts to water quality associated with redevelopment.

In addition, the project-specific water quality management plan (Appendix F-1) ensures appropriate BMPs for post-construction and operation of the project. The combination of low-impact development BMPs and source-control and treatment-control BMPs addressed within the water quality management plan would address identified pollutants and hydrologic concerns from new development that could result in impacts to water quality standards. Therefore, long-term impacts associated with water quality would be less than significant.

b) Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Groundwater Supplies

Less-than-Significant Impact. The project site is located within the Rialto Public Works Department Water Division service area. The City's Water Division's primary source of water is City-owned water wells. These wells draw water from four water basins—Lytle Creek Surface Water Basin, Rialto Ground Water Basin, Bunkerhill Ground Water Basin, and Chino Hill Ground Water Basin (City of Rialto 2010). The City has pumped an average of 7,252 acre-feet of water per year in the past five years from these basins (City of Rialto 2021).

Additionally, according to the geotechnical investigation (Appendix D-1), groundwater was not encountered during test excavations, which extended to a maximum depth of 20 feet. As such, the project's subsurface construction activities, which would only extend a few feet below grade, are highly unlikely to encounter groundwater, and dewatering activities are not anticipated to be necessary. Therefore, impacts associated with groundwater supplies would be less than significant.

Groundwater Recharge

Less-than-Significant Impact. Although not fully developed, the project site is highly disturbed and does not contain a groundwater recharge basin or other facilities that promote groundwater recharge. Thus, under the existing condition, the project site is not considered an important location for groundwater recharge.

Following construction, the project site would contain landscape areas and other pervious surfaces that would allow for a similar percentage of water to percolate into the subsurface soils compared to the existing conditions. In addition, the project would include a detention/infiltration basin on site to capture and infiltrate stormwater runoff; therefore, impacts associated with groundwater recharge would be less than significant.

c) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i) Result in substantial erosion or siltation on- or off-site?

Less-than-Significant Impact. Under the existing condition, the majority of ground surface is covered with asphalt pavement or compacted soil on the project site. Implementation of the project would slightly increase the amount of impervious areas on site and would alter existing drainage patterns; however, the project site does not currently have infiltration basins or capture systems in place to control stormwater runoff. The project would be required to conform to all applicable federal, state, and local requirements, including the current MS4 Permit adopted by the Santa Ana RWQCB. Compliance with these requirements would ensure that the new drainage system is designed with adequate capacity to capture stormwater flow to prevent erosion and on-site and off-site flooding impacts.

As such, alteration of the on-site drainage pattern would be conducted in a manner consistent with all applicable standards related to the collection and treatment of stormwater; therefore, impacts associated with altering the existing drainage pattern of the project site would be less than significant.

ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off site?

Less-than-Significant Impact. Refer to Section 3.10(c)(1).

iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

Less-than-Significant Impact. Under the existing condition, the ground surface is covered with asphalt pavement associated with the existing building on the project site. The project site does not currently have infiltration basins or capture systems in place to control stormwater runoff. As described in Chapter 2, Project Description, above, the project proposes an internal storm drain system to collect runoff and route drainage into on-site basins on the southern portion of the project site. Flows would ultimately enter an underground infiltration system along the southern edge on the project site, north of I-10. The overflow from the underground infiltration system, which has the capacity to contain flows from 100-year storm events, would be allowed to overflow to a proposed parkway culvert onto Alice Avenue. Although the project would slightly increase the amount of impervious surfaces on the project site, the proposed drainage system would be designed to conform to all applicable federal, state, and local requirements, including the current MS4 Permit adopted by the Santa Ana RWQCB. Mandated compliance with these requirements would ensure the new drainage system is designed to have adequate capacity to capture stormwater flow to prevent the conveyance of sediment, debris, and other constituents potentially contained in on-site stormwater from leaving the project site and impacting off-site and downstream receiving waters. Therefore, impacts associated with water quality standards and runoff waters would be less than significant.

iv) Impede or redirect flood flows?

No Impact. According to the Federal Emergency Management Agency Flood Insurance Rate Map No. 06071C8678J, the project site is located in an area of minimal flood hazard (Zone X) (FEMA 2016). In addition, per the City's General Plan Flooding Hazards map, Exhibit 5.2, the project site is located outside of a 500-year floodplain (City of Rialto 2010); therefore, no impacts associated with flooding would occur.

d) In flood hazard, tsunami, or seiche zones, would the project risk release of pollutants due to project inundation?

No Impact. Because of the project's inland location, relatively flat topography, and lack of an adjacent perennial body of water, the project site would not be susceptible to flood, tsunami, or seiche; therefore, no impacts associated with these natural phenomena would occur.

e) Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

Less-than-Significant Impact. Refer to Sections 3.10(a) and 3.10(b).

3.11 Land Use and Planning

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. LAND USE AND PLANNING – Would the project:				
a) Physically divide an established community?	☐	☐	☐	☒
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐

a) Would the project physically divide an established community?

No Impact. The physical division of an established community typically refers to the construction of a linear feature (e.g., a major highway or railroad tracks) or removal of a means of access (e.g., a local road or bridge) that would impair mobility within an existing community or between a community and outlying area.

Under the existing conditions, the project site is developed and contains a truck driving school and a diesel repair operation. As such, the project is not used as a connection between established communities. Instead, connectivity within the area surrounding the project site is facilitated via local roadways. As such, the project would not impede movement within an established community, or from one established community to another. Therefore, no impacts associated with physically dividing an established community would occur.

b) Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

Less-than-Significant Impact. The City General Plan Existing Land Use Map designates the project site as General Commercial with a Specific Plan overlay. As stated in the General Plan the Specific Plan Overlay requires the implementation of a Specific Plan and defers a determination of land use designations to the corresponding specific plan. The project is proposing a general plan amendment to change the project site's general plan land use designation from General Commercial with a Specific Plan overlay to Business Park with Specific Plan overlay. This general plan designation is consistent with other existing uses located along the Rialto Channel within the Gateway Specific Plan area.

The project site is located within the boundaries of the City's Gateway Specific Plan area. The Gateway Specific Plan is intended to revitalize and upgrade the Gateway area of the City. The Gateway Specific Plan proposes a mixed-use project with retail uses along Riverside Avenue, office and research and development parks fronting on San Bernardino Avenue, freeway commercial (hotels, eating establishments, and auto services) along Valley Boulevard, and light industrial parks in the western portion of the plan area (City of Rialto 1990). Land use designations within the Gateway Specific Plan include Office Park (O-P), Retail

Commercial (R-C), Freeway Commercial (F-C), and Industrial Park (I-P). Additionally, the Gateway Specific Plan contains development standards that act as a customized set of zoning standards for the project site. This approach allows the City a greater degree of control over the location and design of development within the Specific Plan area, ensuring compliance with the Specific Plan's goals and objectives. Development Guidelines are provided in Section 5 of the Gateway Specific Plan (City of Rialto 1990) and include standards for lot size, landscape coverage, setbacks, and floor area ratio.

The Gateway Specific Plan designates the project site as Freeway Commercial (F-C) for uses such as eating/dining, lodging, auto services, and some office/retail uses. The project is proposing a specific plan amendment to change the project site's specific plan land use designation from Freeway Commercial to Industrial Park (I-P). These future uses would include those related to warehouse, distribution, and/or logistics, which is generally consistent with the permissible uses and activities allowed by the City in the Industrial Park zone. Additionally, the Industrial Park land use designation has already been accounted for within the Gateway Specific Plan, and this specific plan amendment would continue the existing pattern of industrial park uses along the Rialto Channel within the Gateway Specific Plan. It follows that the project's land use, activities, and development intensity were already assumed and evaluated in the Gateway Specific Plan and Gateway Specific Plan EIR (City of Rialto 1990), respectively, and that the project would then be consistent with the local plans, policies, and regulations governing land use decisions; therefore, impacts due to conflicts with associated applicable land use plans, policies, and regulations would be less than significant.

3.12 Mineral Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. MINERAL RESOURCES – Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

a) Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

No Impact. The City contains aggregate mineral resources. According to the City's General Plan (City of Rialto 2010), the project site is not located in an area containing aggregate resource materials. Therefore, no impact associated with loss of availability of known mineral resources would occur.

b) Would the project result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No Impact. Refer to the response provided in Section 3.12(a).

3.13 Noise

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. NOISE – Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☒	☐
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Noise and Vibration Characteristics

Noise is defined as unwanted sound. Sound may be described in terms of level or amplitude (measured in decibels [dB]), frequency or pitch (measured in hertz or cycles per second), and duration (measured in seconds or minutes). The standard unit of measurement of the amplitude of sound is the decibel. Because the human ear is not equally sensitive to sound at all frequencies, a special frequency-dependent rating scale is used to relate noise to human sensitivity. The A-weighted decibel (dBA) scale performs this compensation by discriminating against low and very high frequencies in a manner approximating the sensitivity of the human ear. Several descriptors of noise (noise metrics) exist to help predict average community reactions to the adverse effects of environmental noise, including traffic-generated noise, on a community. These descriptors include the equivalent noise level over a given period (L_{eq}), the statistical sound level, the day–night average noise level (L_{dn}), and the Community Noise Equivalent Level (CNEL). Each of these descriptors uses units of dBA. Table 3.13-1 provides examples of A-weighted noise levels from common sounds. In general, human sound perception is such that a change in sound level of 3 dBA is barely noticeable, a change of 5 dBA is clearly noticeable, and a change of 10 dBA is perceived as doubling or halving the sound level.

Table 3.13-1. Typical Sound Levels in the Environment and Industry

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
—	110	Rock band
Jet flyover at 300 meters (1,000 feet)	100	—
Gas lawn mower at 1 meter (3 feet)	90	—
Diesel truck at 15 meters (50 feet), at 80 kilometers per hour (50 mph)	80	Food blender at 1 meter (3 feet) Garbage disposal at 1 meter (3 feet)
Noisy urban area, daytime gas lawn mower at 30 meters (100 feet)	70	Vacuum cleaner at 3 meters (10 feet)
Commercial area Heavy traffic at 90 meters (300 feet)	60	Normal speech at 1 meter (3 feet)
Quiet urban daytime	50	Large business office Dishwasher, next room
Quiet urban nighttime	40	Theater, large conference room (background)
Quiet suburban nighttime	30	Library
Quiet rural night time	20	Bedroom at night, concert hall (background)
—	10	Broadcast/recording studio
Lowest threshold of human hearing	0	Lowest threshold of human hearing

Source: Caltrans 2013.
Note: dBA = A-weighted decibel.

L_{eq} is a sound energy level averaged over a specified period (typically no less than 15 minutes for environmental studies). L_{eq} is a single numerical value that represents the amount of variable sound energy received by a receptor during a time interval. For example, a 1-hour L_{eq} measurement would represent the average amount of energy contained in all the noise that occurred in that hour. L_{eq} is an effective noise descriptor because of its ability to assess the total time-varying effects of noise on sensitive receptors.

Unlike the L_{eq} metrics, L_{dn} and CNEL metrics always represent 24-hour periods, usually on an annualized basis. L_{dn} and CNEL also differ from L_{eq} because they apply a time-weighted factor designed to emphasize noise events that occur during the evening and nighttime hours (when speech and sleep disturbance is of more concern). "Time weighted" refers to the fact that L_{dn} and CNEL penalize noise that occurs during certain sensitive periods. In the case of CNEL, noise occurring during the daytime (7:00 a.m.–7:00 p.m.) receives no penalty. Noise during the evening (7:00 p.m.–10:00 p.m.) is penalized by adding 5 dB, while nighttime (10:00 p.m.–7:00 a.m.) noise is penalized by adding 10 dB. L_{dn} differs from CNEL in that the daytime period is defined as 7:00 a.m.–10:00 p.m., thus eliminating the evening period. L_{dn} and CNEL are the predominant criteria used to measure roadway noise affecting residential receptors. These two metrics generally differ from one another by no more than 0.5 dB to 1 dB and, as such, are often treated as equivalent to one another.

Vibration

Vibration is an oscillatory motion through a solid medium in which the motion's amplitude can be described in terms of displacement, velocity, or acceleration. Vibration can be a serious concern, causing buildings to shake and rumbling sounds to be heard. In contrast to noise, vibration is not a common environmental problem. It is unusual for vibration from sources such as buses and trucks to be perceptible, even in locations close to major roads. Some

common sources of vibration are trains, buses on rough roads, and construction activities, such as blasting, pile driving, and heavy earthmoving equipment.

Several different methods are used to quantify vibration. Peak particle velocity is defined as the maximum instantaneous peak of the vibration signal. Peak particle velocity is most frequently used to describe vibration impacts to buildings and is usually measured in inches per second. The root mean square amplitude is most frequently used to describe the effect of vibration on the human body and is defined as the average of the squared amplitude of the signal. Decibel notation is commonly used to measure root mean square. The decibel notation acts to compress the range of numbers required to describe vibration.

High levels of vibration may cause physical personal injury or damage to buildings. However, vibration levels rarely affect human health. Instead, most people consider vibration to be an annoyance that can affect concentration or disturb sleep. In addition, high levels of vibration can damage fragile buildings or interfere with equipment that is highly sensitive to vibration (e.g., electron microscopes). Most perceptible indoor vibration is caused by sources within buildings, such as operation of mechanical equipment, movement of people, or slamming of doors. Typical outdoor sources of perceptible vibration are construction equipment, steel-wheeled trains, and traffic on rough roads. If the roadway is smooth, the vibration from traffic is rarely perceptible.

Sensitive Receptors

Noise- and vibration-sensitive land uses are locations where people reside or where the presence of unwanted sound could adversely affect the use of the land. Residences, schools, hospitals, guest lodging, libraries, and some passive recreation areas would be considered noise and vibration sensitive and may warrant unique measures for protection from intruding noise. Sensitive receptors in the vicinity of the project site include transient residential (a hotel) uses to the west, a school to the northwest, single-family residential uses to the northwest, and a nursing home to the northeast. These noise-sensitive receptors (all of which are located more than 1,000 feet from the project site) represent the nearest land uses with the potential to be impacted by construction and operation of the project. Additional sensitive receptors are located farther from the project site in the surrounding community and would be less impacted by noise and vibration levels than the above-listed sensitive receptors.

Existing Noise Conditions

Noise measurements were conducted in the vicinity of the project site on November 3, 2022, to characterize the existing noise levels. Table 3.13-2 provides the locations, dates, and times the noise measurements were taken. The noise measurements were taken using a Soft dB Piccolo sound level meter equipped with a 0.5-inch, pre-polarized condenser microphone with pre-amplifier. The sound level meter meets the current American National Standards Institute standard for a Type 2 (General Use) sound level meter. The accuracy of the sound level meter was verified using a field calibrator before and after the measurements, and the measurements were conducted with the microphone positioned approximately 5 feet above the ground.

Table 3.13-2. Measured Noise Levels

Receptor	Location	Date	Time	L_{eq} (dBA)	L_{max} (dBA)
ST1	West of project site, adjacent to a hotel at 475 West Valley Boulevard	11/03/22	1239 p.m.–12:54 p.m.	64.8	77.7
ST2	Northwest of project site, adjacent to single-family residence at 1659 South Lilac Avenue	11/03/22	11:58 a.m.–12:13 p.m.	62.0	78.4
ST3	Northwest of project site, adjacent to Joe Baca Middle School at 1640 South Lilac Avenue	11/03/22	12:18 p.m.–12:33 p.m.	65.5	77.8
ST4	Northeast of project site, adjacent to Rialto Post-Acute Care Center at 1471 South Riverside Avenue	11/03/22	205 p.m.–2:20 p.m.	65.3	77.0

Source: Appendix G-1.
Notes: L_{eq} = equivalent continuous sound level (time-averaged sound level); dBA = A-weighted decibels; L_{max} = maximum sound level during the measurement interval.

Four short-term noise measurement locations (ST1–ST4) were conducted in the vicinity of the project site, as shown in Figure 3.13-1, Noise Measurement and Modeling Locations. The measured L_{eq} and maximum noise levels are provided in Table 3.13-2. The field noise measurement data sheets are provided in Appendix G-1, Field Data Noise Sheets. The primary noise sources at the sites identified in Table 3.13-2 consisted of traffic on local roadways; other, secondary noise sources included occasional distant conversation, distant train activity, and distant industrial noise. As shown in Table 3.13-2, the measured sound levels ranged from approximately 62 dBA L_{eq} at ST2 to approximately 66 dBA L_{eq} (when rounded to whole decibels) at ST3.

Regulatory Setting

Federal

There are no federal noise standards that would directly regulate environmental noise during construction and operation of the project. The following is provided because guidance summarized herein is used or pertains to the analysis.

Federal Transit Administration

In its Transit Noise and Vibration Impact Assessment guidance manual, the Federal Transit Administration (FTA) recommends a daytime construction noise level threshold of 80 dBA L_{eq} over an 8-hour period (FTA 2018) when detailed construction noise assessments are performed to evaluate potential impacts to community residences surrounding a project. Although this FTA guidance is not a binding regulation, it is provided here for comparison purposes in the absence of such limits at the state and local jurisdictional levels.

Federal Interagency Committee on Noise

Some guidance regarding the determination of a substantial permanent increase in ambient noise levels in the project vicinity above existing levels is provided by the 1992 findings of the Federal Interagency Committee on Noise (FICON) (FICON 1992), which assessed the annoyance effects of changes in ambient noise levels resulting from aircraft operations. The FICON recommendations are based upon studies that relate aircraft and traffic noise levels to the percentage of persons highly annoyed by the noise. Annoyance is a qualitative measure of the adverse

reaction of people to noise that generates speech interference, sleep disturbance, or interference with the desire for a tranquil environment.

The rationale for the FICON recommendations is that it is possible to consistently describe the annoyance of people exposed to transportation noise in terms of L_{dn}. The changes in noise exposure that are shown in Table 3.13-3 are expected to result in equal changes in annoyance at sensitive land uses. Although the FICON recommendations were specifically developed to address aircraft noise impacts, they are used in this analysis to define a substantial increase in community noise levels related to all transportation noise sources and permanent non-transportation noise sources.

Table 3.13-3. Measures of Substantial Increase for Community Noise Sources

Ambient Noise Level Without Project (Ldn)	Significant Impact Assumed to Occur if the Project Increases Ambient Noise Levels by:
<60 dBA	+ 5 dBA or more
60-65 dBA	+ 3 dBA or more
>65 dBA	+ 2 dBA or more

Source: FICON 1992.
Notes: L_{dn} = day–night average noise level; dBA = decibels.

State

California Government Code

California Government Code Section 65302(f) mandates that the legislative body of each county and city adopt a noise element as part of its comprehensive general plan. The local noise element must recognize the land use compatibility guidelines established by the State Department of Health Services. The guidelines rank noise land use compatibility in terms of "normally acceptable," "conditionally acceptable," "normally unacceptable," and "clearly unacceptable" noise levels for various land use types. Single-family homes are "normally acceptable" in exterior noise environments up to 60 dBA CNEL and "conditionally acceptable" up to 70 dBA CNEL.[7] Multiple-family residential uses are "normally acceptable" up to dBA 65 CNEL and "conditionally acceptable" up to dBA 70 CNEL. Schools, libraries, and places of worship are "normally acceptable" up to 70 dBA CNEL, as are office buildings and business, commercial, and professional uses.

Local

City of Rialto Municipal Code

Operational Noise Standards

Chapter 9.50 (Noise Control), Section 9.50.050 of the Rialto Code of Ordinances includes restrictions on certain activities including loading and unloading, the use of dollies, carts, forklifts, or wheeled equipment that causes unnecessary noise within 1,000 feet of a residence other than between the hours of 7:00 a.m. and 8:00 p.m. However, the Code of Ordinances does not have specific exterior noise level standards by which the proposed project's

[7] A "conditionally acceptable" designation implies new construction or development should be undertaken only after a detailed analysis of the noise reduction requirements for each land use is made and needed noise insulation features are incorporated in the design. By comparison, a "normally acceptable" designation indicates that standard construction can occur with no special noise reduction requirements.

operational noise levels can be assessed. Therefore, the County of San Bernardino Development Code standards are used in this noise study to assess the potential impacts at nearby sensitive land uses. The San Bernardino County Code, Title 8 Development Code, Section 83.01.080(c) establishes the noise level standards for stationary noise sources (San Bernardino County 2014). As shown in Table 3.13-4, for residential land uses the stationary noise standard is 55 dBA L_{eq} between the hours of 7:00 a.m. to 10:00 p.m. and 45 dBA L_{eq} between the hours of 10:00 p.m. to 7:00 a.m.

Table 3.13-4. Noise Standards for Stationary Noise Sources

Affected Land Uses (Receiving Noise)	7:00 a.m. - 10:00 p.m. (dBA L_{eq})	10:00 p.m. - 7:00 a.m. (dBA L_{eq})
Residential	55	45
Professional Services	55	55
Other Commercial	60	60
Industrial	70	70

Source: San Bernardino County Code, Title 8 Development Code, Section 83.01.080(c) Table 83-2
Notes: L_{eq} = equivalent continuous sound level (time-averaged sound level); dBA = decibels.

Construction Noise Standards

Section 9.50.050[F] of the Section 9.50.050 of the Rialto Code of Ordinances restricts the use of pile drivers, steam or gasoline shovels, pneumatic hammers, steam or electric hoists or other similar devices and Section 9.50.050[G] restricts the used electrically operated compressors, fans or other similar devices other than between the hours of 7:00 a.m. and 8:00 p.m. In addition, Section 9.50.070 of the Rialto Code of Ordinances states that construction activities are permitted between the hours of 7:00 a.m. to 5:30 p.m. Monday through Friday from October 1st to April 30th, 6:00 a.m. to 7:00 p.m. Monday through Friday from May 1st to September 30th, and 8:00 a.m. to 5:00 p.m. on Saturdays any time of year; with no activity allowed on Sundays or state holidays. While the City establishes limits on the hours during which construction activity may take place, neither the City of Rialto or County of San Bernardino establishes numeric construction standards at potentially affected receivers. Therefore, this analysis utilizes the FTA guidance for daytime construction noise level thresholds of 80 dBA L_{eq} over an 8-hour period as discussed above.

Construction Vibration Standards

The City of Rialto's Code of Ordinances does not identify specific vibration level standards; thus (similar to on-site operational noise standards), the County of San Bernardino Development Code vibration level standards are used in this analysis to assess potential impacts at nearby sensitive receiver locations. The County Development Code, Section 83.01.090(a) states that vibration shall be no greater than or equal to 0.2 inches per second measured at or beyond the lot line. Therefore, to determine if the vibration levels due to the operation and construction of the project, the peak particle velocity (PPV) vibration level standard of 0.2 inches per second (in/sec) is used.

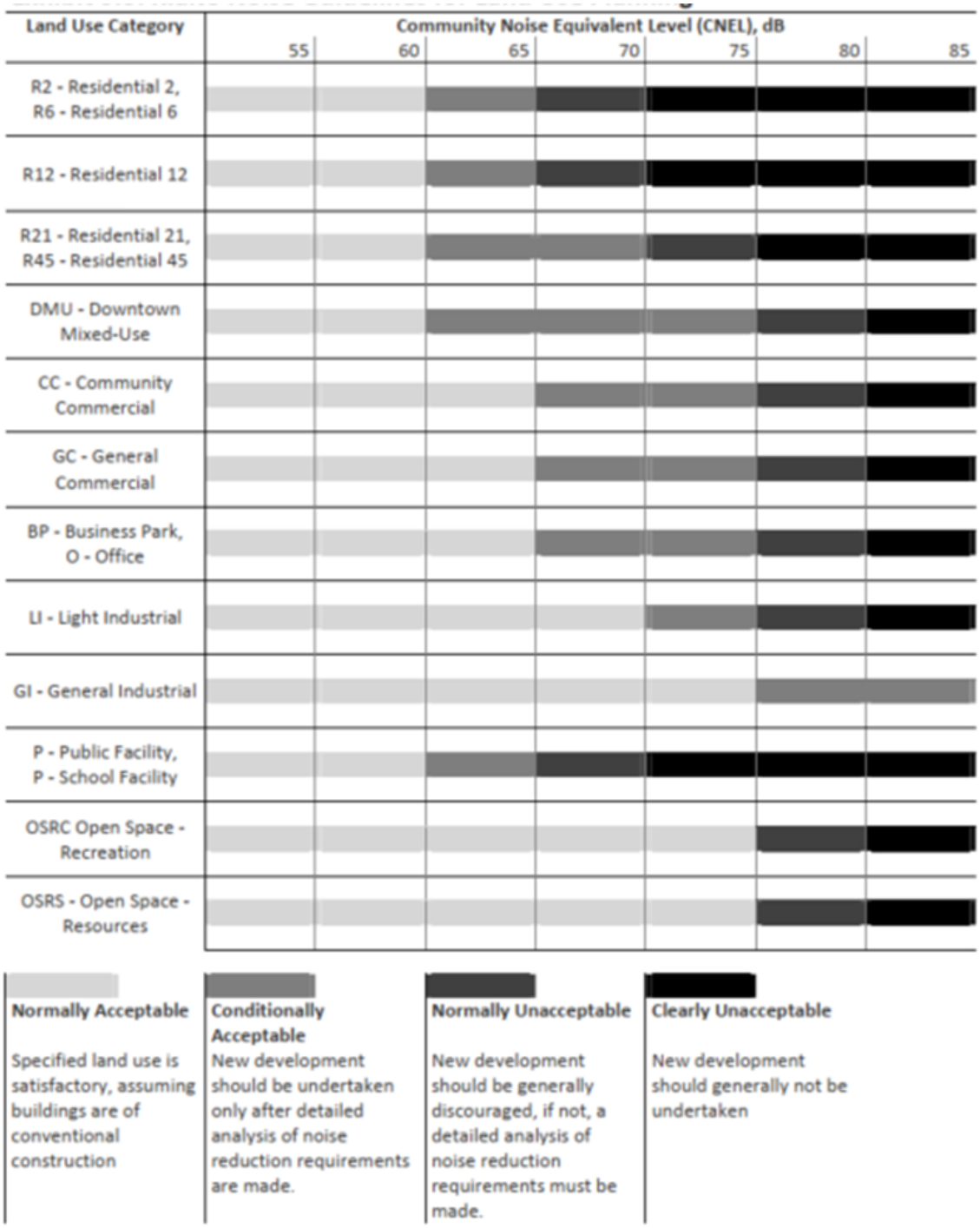
City of Rialto General Plan

Rialto's General Plan Safety & Noise Element (Chapter 5) (City of Rialto 2010) establishes policies to guard against the creation of new noise and land use conflicts, and to minimize the impact of existing noise sources on the community. The Noise Element does not contain specific transportation-related noise standards; however, it does provide land use compatibility guidelines for future development and future noise contour boundaries for major roadways in the City of Rialto. The noise compatibility guidelines identified in the Safety & Noise Element, Exhibit 5.5, are guidelines to evaluate the land use compatibility of transportation-related noise. The compatibility criteria,

shown in Table 3.13-5, provides the City of Rialto with a planning tool to gauge the compatibility of land uses relative to existing and future exterior noise levels.

The Rialto Noise Guidelines for Land Use Planning matrix indicates that industrial land uses, such as the project site, are considered normally acceptable with exterior noise levels below 70 dBA CNEL, and conditionally acceptable with noise levels below 75 dBA CNEL. Noise-sensitive residential land uses are considered normally acceptable with exterior noise levels below 60 dBA CNEL, and conditionally acceptable with noise levels below 65 dBA CNEL. For conditionally acceptable land uses, new development should be undertaken only after detailed analysis of noise reduction requirements are made.

Table 3.13-5. Rialto Noise Guidelines for Land Use Planning



Source: City of Rialto General Plan Safety & Noise Element, Exhibit 5.5.
Notes: L_{eq} = equivalent continuous sound level (time-averaged sound level); dBA = decibels.

a) Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Short-Term Construction Noise

Less-than-Significant Impact. Construction noise is considered a short-term impact and would be considered significant if construction activities were to exceed the allowable hours of operation, as permitted by the City or if the construction noise levels exceed the advisory FTA guidance threshold of 80 dBA $L_{eq\ 8\text{-}hr}$. Noise-sensitive land uses in the vicinity of the project include transient residential (i.e., hotel) uses to the west (located approximately 1,050 feet from the construction boundary), residential uses to the northwest (approximately 1,300 feet away), a school to the northwest (approximately 1,600 feet away) and a nursing facility to the northeast (approximately 1,650 feet away). The construction noise assessment focused on noise levels that would occur at these nearest noise-sensitive land uses; construction noise levels at receptors further from the site would be lower. Modeling assumptions and output calculations are provided in Appendix G-2, Construction Noise Modeling Inputs and Outputs.

Project-generated construction noise will vary depending on the construction process, the type of equipment involved, the location of the construction site with respect to sensitive receptors, the schedule proposed to carry out each task (e.g., hours and days of the week), and the duration of the construction work. A likely worst-case construction noise scenario using information provided by the project applicant and equipment identified by CalEEMod (see Section 3.3, Air Quality) for this type and size of project was calculated using a spreadsheet model based the Federal Highway Administration's Roadway Construction Noise Model (FHWA 2008). Input variables for RCNM consist of the receiver/land use types, the equipment type (e.g., backhoe, grader, scraper), the number of equipment pieces, the duty cycle for each piece of equipment (i.e., percentage of time the equipment typically works in a given time period), and the distance from the noise-sensitive receiver to the construction zone. The RCNM has default duty cycle values for the various pieces of equipment, which were derived from an extensive study of typical construction activity patterns. Those default duty cycle values were utilized for this analysis. No topographical or structural shielding was assumed in the modeling. Appendix A-1 presents the equipment list used for the construction noise analysis. The results are summarized in Table 3.13-6 (see Appendix G-2 for model results).

As shown in Table 3.13-6, the noise levels from construction are predicted to range from approximately 47 dBA $L_{eq\ 8\text{-}hr}$ (during the architectural coating phase) to 59 dBA $L_{eq\ 8\text{-}hr}$ (during the demolition phase) at the nearest noise-sensitive receiver (R1 as shown in Figure 3.13-1 - the hotel located approximately 1,050 feet from the nearest construction work). Construction noise levels at the other noise-sensitive receivers would be lower. These noise levels would be less than measured ambient noise levels in the area and would be lower than the 80 dBA $L_{eq\ 8\text{-}hr}$ FTA construction noise standard. Therefore, noise from Project site construction would be less than significant.

Table 3.13-6. Construction Noise Summary of Results

Construction Phase	Construction Noise at Nearest Receiver Distances ($L_{eq\ 8\text{-}hr}$ [dBA])			
	R1 - Hotel to the West	R2 - Residence to the Northwest	R3 - School to the Northwest	R4 - Nursing Facility to the Northeast
	Nearest Source/ Receiver Distance (Approximately 1,050 feet)	Nearest Source/ Receiver Distance (Approximately 1,300 feet)	Nearest Source/ Receiver Distance (Approximately 1,600 feet)	Nearest Source/ Receiver Distance (Approximately 1,650 feet)
Demolition	59	57	56	56
Site Preparation	58	56	54	54
Grading	58	58	56	56
Building Construction	55	53	52	52
Paving	54	53	51	51
Architectural Coating	47	45	44	43

Source: Appendix G-2.
Notes: dBA = A-weighted decibels; $L_{eq\ 8\text{-}hour}$ = equivalent continuous sound level (time-averaged sound level) during an 8-hour construction work day.

Long-Term Operational Noise

Less-than-Significant Impact. Operation of the project would result in the generation of noise both on- and off-site. Consistent with similar warehouse and light industrial uses, business operations supported by the project would primarily be conducted within the enclosed building, except for traffic movement, parking, and loading and unloading of trucks at designated loading bays. As such, on-site operational noise sources are expected to include roof-top air conditioning units, parking lot activity, and truck loading dock activity. Off-site noise could be generated by vehicles, including heavy trucks accessing the project site and contributing to vehicular roadway noise. As detailed below, these operational project activities would not result in the generation of a substantial temporary or permanent increase in ambient noise levels in excess of standards established in the local general plan or noise ordinance or applicable standards of other agencies.

On-Site Operational Noise

Implementation of the project would result in changes to existing noise levels on and around the project site by developing new stationary sources of noise, including introduction of outdoor HVAC equipment. These sources may affect noise-sensitive vicinity land uses off the project site.

The proposed warehouse space overall would not be served by heating or air conditioning equipment. However, the floor plan includes an office with an associated mezzanine space at the southwest building corner. For the analysis of noise from HVAC equipment operation, a York Model ZF-048 package HVAC unit was used as a reference. Based upon the square footage of the office and mezzanine spaces (6,000 square feet total), it was assumed that two such units would be required for the office/mezzanine areas. The York Model ZF-048 package HVAC unit has a sound power rating of 80 dBA (Johnson Controls 2015). Based on the warehouse roof design provided, there will be a 2.8-foot-high parapet extending along the perimeter of the roof, which would minimize sound from the HVAC unit at nearby noise-sensitive land uses.

Assuming all the HVAC equipment is operating simultaneously for a minimum period of 1 hour, the worst-case calculated noise level at each property line and at the nearby residences is presented in Table 3.13-7. The maximum hourly noise level for all the HVAC equipment operating at each of the nearest noise-sensitive uses would range from 13 to 19 dBA $L_{eq,}$ which is well below the City's noise standard for residences (55 dBA L_{eq} daytime, 45 dBA L_{eq} nighttime). The noise level calculation spreadsheets for the HVAC package units are included in Appendix G-3, Equipment Specifications and Noise Calculations.

Table 3.13-7. Mechanical Equipment Operation Noise Summary of Results

Equipment	Noise Level at Property Boundary	
	Receiver Location	Average Noise Level (dBA L_{eq})
HVAC	R1 (Hotel to the West)	19
HVAC	R2 (Residence to the Northwest)	17
HVAC	R3 (School the Northwest)	16
HVAC	R4 (Nursing Home to the Northeast)	13

Source: Appendix G-3.
Note: dBA = A-weighted decibels; L_{eq} = equivalent continuous sound level (time-averaged sound level);; HVAC = heating, ventilation, and air conditioning equipment.

The results of the mechanical equipment operations noise analysis indicate that the project would comply with City noise standards.

Parking Lot Activity

A comprehensive study of noise levels associated with surface parking lots was published in the Journal of Environmental Engineering and Landscape Management (Baltrënas et al. 2004). The study found that average noise levels during the peak period of use of the parking lot (generally in the morning with arrival of commuters and in the evening with the departure of commuters) were 47 dBA at 1 meter (3.3 feet) from the outside boundary of the parking lot. The parking area would function as an area source for noise, which means that noise would attenuate at a rate of 3 dBA with each doubling of distance. The employee parking lots are proposed to be situated on the south side of the warehouse, no closer than 1,150 feet from the nearest noise-sensitive use (the hotel to the west). At 1,150 feet, parking lot noise levels would be approximately 22 dBA L_{eq} at the nearest noise-sensitive use, not taking account for the noise reduction provided by the intervening buildings. Accounting for the noise reduction provided by the intervening buildings, parking lot noise levels would be approximately 14 dBA L_{eq} at the nearest noise-sensitive use. At the other noise-sensitive uses in the project vicinity, parking activity noise would be lower. Parking lot activity noise levels are summarized in Table 3.13-8.

Truck Loading Dock Activity

The parking lot study (Baltrënas et al. 2004) also examined noise levels associated with cargo truck delivery activity, including noise produced by backup alarms and forklift/yard hostler operations. The study concluded that average noise levels from truck loading/unloading areas were 96 dBA at 1 meter (3.3 feet) from the boundary of the truck activity area. The truck loading dock area (i.e., the truck court) would be located on the southern side of the proposed warehouse building, approximately 1,350 feet from the nearest noise-sensitive use (the hotel to the west). At other noise-sensitive uses in the vicinity, the truck loading dock area would be further away. Also, at all the noise-sensitive uses in the vicinity, the noise and

direct view of the loading docks would be entirely obstructed by the proposed warehouse building. Using the outdoor attenuation rate of 6 dBA with each doubling of distance and accounting for the noise reduction provided by the warehouse building, the noise from truck loading dock activity would range from approximately 16 dBA L_{eq} at the nursing home to the northeast to approximately 24 dBA L_{eq} at the hotel to the west. Truck loading dock activity noise levels are summarized in Table 3.13-8 and combined with the other on-site noise sources.

Table 3.13-8. Combined On-Site Noise Summary of Results – Noise Levels at Noise-Sensitive Land Uses

Receiver Location	Applicable Noise Standard (dBA L_{eq}) - Daytime (7 a.m. to 10 p.m.) / Nighttime (10 p.m. to 7 a.m.)	HVAC (dBA L_{eq})	Parking Lot Activity (dBA L_{eq})	Truck Loading Dock Activity (dBA L_{eq})	Combined HVAC, Parking Lot and Truck Loading Dock Activities Noise (dBA L_{eq})	Applicable Noise Standard Exceeded?	Combined HVAC, Parking Lot and Truck Loading Dock Activities Noise (dBA CNEL)
R1 (Hotel to the West)	55/45	19	14	24	26	No	32
R2 (Residence to the Northwest)	55/45	17	1	23	24	No	30
R3 (School the Northwest)	55/45	16	0	21	22	No	29
R4 (Nursing Home to the Northeast)	55/45	13	0	16	18	No	24

Source: Appendix G-3.

As shown in Table 3.13-8, on-site noise sources associated with the proposed project would not exceed applicable noise standards. Additionally, estimated on-site noise levels would be well below existing ambient noise levels, which ranged from approximately 62 to 66 dBA L_{eq}). Noise from on-site operations would not audibly or measurably increase ambient noise levels and would not result in a substantial noise increase. Furthermore, as shown in Table 3.13-8, if all on-site noise sources operated continuously over a 24-hour period, the resultant noise levels would range from approximately 24 dBA CNEL to 32 dBA CNEL. Noise levels from the proposed project would be well within the City of Rialto's range for "Normally Acceptable" noise /land use compatibility of 60 dBA CNEL for residential land uses (see Table 3.13-5). Thus, on-site operational noise would be less than significant.

Project-Generated Off-Site Traffic Noise

The project is expected to generate 237 net new daily trips to the roadway system; in terms of passenger car equivalent (PCE), which accounts for truck percentages, the project would generate 398 net new daily PCE trips. On an hourly basis, the project would result in a total of 24 AM and 25 PM additional peak-hour trips, consisting of 14 passenger vehicles and 10 trucks (ranging in size from 2-axle trucks to 4+ axle trucks) during the AM peak hour, and 15 passenger vehicles and 10 trucks during the PM peak

hour. In terms of PCE, the project would result in a total of 41 AM and 42 PM PCE additional peak-hour trips[8]. Vehicles entering and exiting the project site would use West Valley Boulevard, which has average daily traffic volumes of approximately 23,304[9]. This amounts to a small percentage (less than 2%) of the total daily volume on West Valley Boulevard. The project would not result in a doubling of trips on any particular road segment. Typically, a doubling of the energy of a noise source, such as a doubling of traffic volume, would increase noise levels by 3 dBA.[10] Given that it would result in only a modest increase in traffic on local and regional roadways, the project would not result in an increase of 3 dBA or greater on roadways in the study area. The change in noise level due to the project would not be audible. Furthermore, heavy trucks would be routed from the project site east on West Valley Boulevard to Riverside Avenue and then to the adjacent I-10 freeway; trucks would not be routed past noise-sensitive receivers along West Valley Boulevard to the west. Therefore, impacts associated with off-site project-generated traffic noise would be less than significant.

b) Would the project result in generation of excessive groundborne vibration or groundborne noise levels?

Less-than-Significant Impact. The main concern associated with groundborne vibration is annoyance; however, in extreme cases, vibration can cause damage to buildings, particularly those that are old or otherwise fragile. Some common sources of groundborne vibration are trains and construction activities such as blasting, pile-driving, and heavy earth-moving equipment. The primary source of groundborne vibration occurring as part of the proposed is construction activity. No major sources of groundborne vibration are associated with operation of the proposed project.

Groundborne vibration information related to construction/heavy equipment activities has been collected by Caltrans. Information from Caltrans indicates that transient vibrations (such as from construction activity) with approximately 0.035 inches per second peak particle velocity (PPV) may be characterized as barely perceptible, and vibration levels of 0.24 inches per second PPV may be characterized as distinctly perceptible (Caltrans 2020). The heavier pieces of construction equipment, such as large bulldozers or hoe rams, would register up to approximately 0.089 inches per second PPV at a distance of 25 feet, and a clam shovel drop would measure up to approximately 0.202 inches per second PPV at a distance of 25 feet (FTA 2018).

Groundborne vibration is typically attenuated over relatively short distances. At the nearest existing noise/vibration-sensitive use distance to the nearest construction area (approximately 1,050 feet – the hotel to the west) and with the anticipated construction equipment, the vibration level would be approximately 0.0003 inches per second PPV. This vibration level would be well below the threshold of "barely perceptible" of 0.035 inches per second PPV and would be lower than the threshold of "distinctly perceptible" of 0.24 inches per second PPV, as well as the County of San Bernardino's vibration threshold of 0.2 inches per second PPV.

The major concern with construction vibration is related to building damage. Construction vibration as a result of the proposed project would not result in structural building damage, which typically occurs at

8 Data from the proposed project's trip generation estimates (Section 3.17, Transportation).

9 Average Daily Traffic (year 2021) traffic volumes have been obtained from recent traffic studies in Rialto. A growth rate of 4% per year was used to estimate Opening Year 2025 traffic volumes, consistent with the traffic analysis conducted for the Birtcher Logistics Center Rialto, December 20, 2021.

10 Under normal circumstances (i.e., outside of a controlled setting such as a listening laboratory), a 3 dBA increase in noise levels is considered to be the smallest increase that is audible to the human ear; whereas a less than 3 dBA increase in noise levels is considered to be a barely or non-audible increase.

vibration levels of 0.5 inches per second PPV or greater for buildings of reinforced-concrete, steel, or timber construction. Therefore, impacts related to groundborne vibration would be less than significant.

c) ***For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?***

No Impact. The project site is located approximately 7 miles west of San Bernardino International Airport, 11.5 miles east of Ontario International Airport and approximately 9 miles northeast of the Riverside Municipal Airport. The project site is not located within an airport influence area for any of these airports (San Bernardino International Airport Authority 2010; City of Ontario 2011; County of Riverside 2005). Based on the relatively long distances between the project site and these public airports, the project would not expose people working in the project area to noise generated by either of these airports. Therefore, no impacts associated with public airport noise would occur.

3.14 Population and Housing

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV. POPULATION AND HOUSING – Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☒	☐
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

a) ***Would the project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?***

Less-than-Significant Impact. The project would require a temporary construction workforce and a permanent operational workforce, both of which could potentially induce population growth in the project area. The temporary workforce would be needed to construct the proposed warehouse building and associated improvements. The number of construction workers needed during any given period would largely depend on the specific stage of construction but will likely average a few dozen workers at any given time throughout the workday. These short-term positions are anticipated to be filled primarily by workers who reside in the project area. Therefore, construction of the project would not be anticipated to generate a permanent increase in population within the project area.

In terms of operational employees, because the future tenant is not yet known, the number of jobs that the project would generate cannot be precisely determined, but it can be estimated. For purposes of analysis, employment estimates are calculated using average employment density factors reported by SCAG. SCAG reports that for every 1,195 square feet of warehouse space in San Bernardino County, the average numbers of jobs supported is one employee (SCAG 2001). The proposed warehouses would have a combined total of 136,200 square feet, and as such, the estimated number of employees required for operation would be approximately 114 people.

According to the SCAG Demographics and Growth Forecast, employment in the City is anticipated to grow from 25,500 employees in 2016 to 35,500 employees in 2045 (SCAG 2020b). The project-related increase in employment would be minimal in comparison to the anticipated increase in the SCAG Demographics and Growth Forecast.

Additionally, as of October 2022, the California Employment Development Department found that the unemployment rate for Riverside-San Bernardino-Ontario Metropolitan Statistical Area, including the City of Rialto, is at 3.9%, which is similar to the state average (4%) and slightly higher than the national average (3.7%) for the same period (EDD 2022). Therefore, the project's temporary and permanent employment requirements could likely be met by the City's existing labor force without the need for people to relocate to the project region. The project would not stimulate population growth or a population concentration above what is assumed in local and regional land use plans. Therefore, impacts associated with population growth would be less than significant.

b) Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

No Impact. The project site is currently developed with a truck driving school and a diesel repair operation. There are no existing residential uses on the project site and the project would not displace any existing housing or population. Therefore, no impact associated with displacing substantial numbers of existing people or housing would occur.

3.15 Public Services

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. PUBLIC SERVICES – Would the project:				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
Fire protection?	☐	☐	☒	☐
Police protection?	☐	☐	☒	☐
Schools?	☐	☐	☐	☒
Parks?	☐	☐	☐	☒
Other public facilities?	☐	☐	☐	☒

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:

Fire protection?

Less-than-Significant Impact. The Rialto Fire Department (RFD) provides fire protection and emergency response services in the project area. The RFD deploys from four fire stations staffed 24 hours per day by career firefighters and administration. The RFD staffs one battalion chief, three engine companies, one truck company, and four paramedic ambulances each day. On-duty personnel also provide staffing for a Hazardous Materials unit and an Urban Search and Rescue unit (City of Rialto 2022b).

As described in the project description above, the automated gates on site will include pre-emption devices installed for both directions of travel and Knox key switch override to allow for emergency access. The closest fire station to the project area is Fire Station 205 (1485 S Willow Ave), located 0.2 miles north of the project site. Considering the proximity of the project site to the existing RFD facilities and given the fact that the project site is already located within RFD's service area, the project could be adequately served by the RFD without adversely affecting personnel-to-resident ratios, response times, or other performance objectives.

In addition, the project would not directly or indirectly induce population growth in the City. Although the project could potentially result in a slight, incremental increase in calls for service to the project site in comparison to existing conditions, this increase is expected to be nominal and would not result in the need for new fire protection facilities. Nonetheless, similar to other development projects in the City, the project applicant would be required to pay its fair share of development impact fees to help offset incremental impacts to fire protection services. Therefore, impacts associated with fire protection facilities and response times would be less than significant.

Police protection?

Less-than-Significant Impact. The Rialto Police Department (RPD) is headquartered at 128 North Willow Avenue, approximately 2 miles north from the project site. RPD has approximately 176 employees and serves 28.5 square miles with a population of over 100,000 people. It offers a variety of services and assignments, including patrol, K-9, school resource officer, Street Crime Attack Team, investigations, narcotics, training/backgrounds, community services, and the Re-Entry Support Team (RPD 2022).

The project would not directly or indirectly induce population growth in the City. Although the project would potentially result in a slight, incremental increase in calls for service to the project site compared to existing conditions, this increase is expected to be nominal and would not result in the need for new police protection facilities. In addition, the project site is already located within RPD's service area and would not require an expansion of the service area, which could result in longer response time. It is anticipated that the project would be adequately served by existing RPD facilities, equipment, and personnel. Nonetheless, similar to other development projects in the City, the project applicant would be required to pay its fair share of development impact fees to help offset incremental impacts to police protection services. Therefore, impacts associated with police protection facilities and response times would be less than significant.

Schools?

No Impact. The City is served by three school districts: the Rialto Unified School District, Fontana Unified School District, and Colton Joint Unified School District (City of Rialto 2010). The project site is within the Colton Joint Unified School District, which serves more than 23,000 students over 28 campuses, with 18 elementary schools, 4 middle schools, 3 comprehensive high schools, 2 alternative high school, and one preschool (CJUSD 2017).

Neither the construction nor the operation of the project would generate new permanent residents who would increase student populations. As such, the project would not directly or indirectly induce population growth in the City, and the project would have no effect on the Unified School District's service abilities.

Nonetheless, residential and non-residential development projects are subject to SB 50, which requires payment of mandatory impact fees to offset any impact to school services or facilities. The provisions of SB 50 are deemed to provide full and complete mitigation of school facilities impacts, notwithstanding any contrary provisions in CEQA or other state or local laws (California Government Code Section 65996). In accordance with SB 50, the project applicant would pay its fair share of impact fees based on project size. These impact fees are required of most residential, commercial, and industrial development projects in the City. Therefore, no impact associated with school facilities would occur.

Parks?

No Impact. The project would not directly or indirectly induce population growth in the City. As such, the project would not generate new permanent residents who would increase the use of existing parks such that substantial physical deterioration of facilities would occur or be accelerated. Regardless, the project would be subject to the state's Quimby Act, which requires development projects to set aside land, donate conservation easements, or pay in-lieu fees for park improvements. Pursuant to the Quimby Act, the applicant would pay its fair share of in-lieu fees based on the type and size of development. These impact fees are required of most residential, commercial, and industrial development projects in the City. Therefore, no impacts associated with park facilities would occur.

Other public facilities?

No Impact. Given the lack of directly or indirectly induced population growth anticipated as a result of the project, it is unlikely that the project would increase the use of libraries or other public facilities. Notwithstanding, the project applicant would be required to pay its fair share of development impact fees to help offset incremental impacts to libraries by helping fund capital improvements and expenditures. Therefore, no impacts associated with libraries or other public facilities would occur.

3.16 Recreation

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. RECREATION				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	☒
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	☒

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

No Impact. The project would not directly or indirectly induce substantial population growth in the City. Neither construction nor operation of the project would generate new residents to the extent that use of existing parks and recreational facilities would increase and result in the physical deterioration of these facilities. Regardless, the project would be subject to the state's Quimby Act, which requires development projects to set aside land, donate conservation easements, or pay in-lieu fees for park improvements. Pursuant to the Quimby Act, the applicant would pay its fair share of in-lieu fees based on the type/size of development. These impact fees are required of most residential, commercial, and industrial development projects in the City. Therefore, no impacts associated with the increased use of existing recreational facilities would occur.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

No Impact. The project would construct a new warehouse building and associated improvements. The project does not propose any recreational facilities. As an industrial use, the project would not require the construction or expansion of recreational facilities. Therefore, no impacts associated with the construction or expansion of recreational facilities would occur.

3.17 Transportation

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. TRANSPORTATION – Would the project:				
a) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	☐	☐	☒	☐
b) Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?	☐	☐	☒	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
d) Result in inadequate emergency access?	☐	☐	☒	☐

The following analysis has been prepared consistent with the requirements of the City of Rialto's Traffic Impact Analysis Guidelines for Vehicle Miles Traveled (VMT) and Level of Service (LOS) Assessment (Traffic Study Guidelines), (October 2021), as well as SB 743 and the current CEQA Guidelines for potential impacts to VMT. Appendix H-1 includes the project's Scoping Agreement for VMT and VMT Analysis prepared by Urban Crossroads, Inc. Appendix H-2 includes a Traffic Impact Analysis Scoping Form which provides level of service (LOS) screening for the project. Per the approved Traffic Impact Analysis Scoping (Appendix H-2), Dudek will be preparing a focused traffic analysis of the W. Valley Boulevard and S. Willow Avenue intersection.

Trip Generation Analysis

Trip generation estimates for the project are based on daily and AM and PM peak hour trip generation rates obtained from the Institute of Transportation Engineers (ITE) Trip Generation Handbook, 11th Edition (ITE 2021), using the warehousing land use (ITE Code 150). No trip credits for the existing land uses have been assumed in this analysis; therefore, the project's trip generation estimates are conservative.

PCE factors were also applied to the trip generation estimates to account for truck traffic. The City of Rialto indicates that projects with high truck percentages should convert project trips to PCE. A 1.5 PCE factor was applied to 2-axle trucks, 2.0 PCE for 3-axle trucks, and a 3.0 PCE factor was applied to 4-axle trucks per the Traffic Study Guidelines and San Bernardino County Congestion Management Program (CMP).

Table 3.17-1 presents the project's daily, and AM and PM peak hour trip generation estimates.

Table 3.17-1. Project Trip Generation Summary

Land Use	Daily Trip Rate/Unit		AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Trip Rates and Trip Generation								
Warehousing[1] (ITE Code 150)	1.71/TSF		0.13	0.04	0.17	0.05	0.13	0.18
Land Use	**Units**	**Daily**	**In**	**Out**	**Total**	**In**	**Out**	**Total**
Proposed Project	138.350 TSF	237	19	5	24	7	18	25

Land Use	Vehicle Classification (Percent)	Daily	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Vehicle Mix[2] and Non PCE Trips (138.350 TSF)	Passenger Cars (60.0%)	142	11	3	14	4	11	15
	2-axle Trucks (0.8%)	2	0	0	0	0	0	0
	3-axle Trucks (11.2%)	27	2	1	3	1	2	3
	4+axle Trucks (28.0%)	66	6	1	7	2	5	7
	Project Trip Generation Non-PCE	**237**	**19**	**5**	**24**	**7**	**18**	**25**
Project Trip Generation PCE								
PCE Factors[3] and PCE Trips (138.350 TSF)	Passenger Cars (1.0 PCE)	142	11	3	14	4	11	15
	2-axle Trucks (1.5 PCE)	3	0	0	0	0	0	0
	3-axle Trucks (2.0 PCE)	54	4	2	6	2	4	6
	4+axle Trucks (3.0 PCE)	199	18	3	21	6	15	21
	Total PCE Trips	**398**	**33**	**8**	**41**	**12**	**30**	**42**

Notes: TSF = thousand square feet, PCE = passenger car equivalent
Some of the totals may not match exactly due to rounding.

1 Trip rates from the Institute of Transportation Engineers, Trip Generation, 11th Edition, 2021. Land Use Code 150 – Warehousing.

2 Per City of Rialto's TIA Guidelines (October 2021), 40% of the daily trips are truck trips (per AQMD staff recommendation included in CalEEMod v. 2013.2 Appendix E Technical Source Documentation, Fleet Mix) for warehousing uses i.e., ITE Code 150. The vehicle mix for trucks i.e., 2-axle, 3-axle, and 4+ axle trucks are per current measured rates in the City and provided in the draft TIA guidelines.

3 Passenger Car Equivalent (PCE) factors are assumed to be 1.0 for passenger vehicles, 1.5 and 2.0 for 2-axle and 3-axle trucks, and 3.0 for 4-axle trucks per City of Rialto TIA Guidelines (October 2021)

As shown in Table 3.17-1, the proposed project would generate approximately 237 daily trips, with 24 trips (19 inbound and 5 outbound) in the AM peak hour, and 25 trips (7 inbound and 18 outbound) in the PM peak hour. Adjusting for PCE, the trip generation is approximately 398 daily PCE trips, 41 AM PCE peak hour trips (33 inbound and 8 outbound) and 42 PM PCE peak hour trips (12 inbound and 30 outbound).

City of Rialto Traffic Study Guidelines

The City's Traffic Study Guidelines require a Level of Service Impact Analysis if a project generates more than 50 AM or PM peak hour trips. Additionally, the City may require a focused traffic study for projects generating less than 49 AM or PM peak hour trips, if there are concerns regarding access, or level of service on intersection or roadway segments adjacent to the project. Trip generation estimates for the project are summarized above. Based on the project's trip generation estimates as described above, development of

the proposed project would not result in degradation of the intersections along Valley Boulevard, or other nearby intersections due to the low volume of vehicular traffic (less than 50 peak hour trips). A detailed LOS analysis would not be required. As the proposed project is forecast to generate 41 AM peak hour trips and 42 PM peak hour trips (PCE-adjusted), the proposed project would not exceed the trip threshold for the preparation of a TIA per the City's Traffic Study Guidelines. No other issues have been identified to warrant a focused traffic analysis. Therefore, a full or focused traffic study and LOS analysis would not be required.

a) Would the project conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Less-than-Significant Impact. As detailed in the following text, the project would not conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities.

City of Rialto General Plan Circulation Element

The City of Rialto adopted its most recent version of the General Plan in 2010 and it includes the currently applicable Circulation Element. The Circulation Element chapter provides policy direction to create a system of Complete Streets. Complete Streets refers to a multi-modal transportation network designed and operated meet the needs of all users by adopting goals and policies that address the following:

- Identifying the hierarchy of travel corridors in the City
- Defining a Citywide Transit Plan
- Identifying a Citywide Bicycle Network
- Including provisions for bike lanes on many roadway types in the roadway design standards; and
- Includes policies and implementation actions to encourage the use of transit, bicycling, and walking.

The project site is bordered by Valley Boulevard to the north, which is designated as a Major Arterial and a truck route within the City. Project trucks will use the I-10/Riverside Avenue interchange via Valley Boulevard. Should trucks need to pass through local streets north of the project site, these trucks will utilize the City-designated truck route on Cedar Avenue west of the project site via its interchange on I-10. By remaining on the designated truck route and utilizing I-10, heavy trucks will avoid passing by the nearby public spaces of Ruth Grimes Elementary School, Rialto City Park, and Colton Golf Course. Therefore, the project would not conflict with the hierarchy of travel corridors established in the City. As shown below, the project would not program, plan, ordinance, or policy addressing the transit, roadway, bicycle, and pedestrian facilities.

Transit Facilities

Omnitrans provides public transportation throughout the San Bernardino Valley and would serve as the nearest transit service to the project site. The nearest Omnitrans bus stop serves Route 22, is located approximately 200 feet north of the intersection of Riverside Avenue/Valley Boulevard. Route 22 serves north and south Rialto via Riverside Avenue with a frequency of 60 minutes throughout the week. Development of the proposed project would not conflict with the existing bus routes or bus stops in its vicinity. Therefore, impacts to transit would **be less than significant**.

Roadway Facilities

The City of Rialto follows the roadway classification system included in General Plan Circulation chapter. Following roadways are in the vicinity of the project site:

Valley Boulevard is classified as a Major Arterial in the City of Rialto and in the vicinity of the proposed project. Arterial roadways link freeways with local streets to accommodate larger volumes of through traffic moving at higher speeds than local streets. They carry high traffic volumes and are primary thoroughfares that connects Rialto with adjacent cities of and the regional highway system such as, Interstate (I) -10. Valley Boulevard, between Alice Avenue and Willow Avenue, is constructed with two travel lanes in each direction with a center turn lane. Parking is not allowed along this roadway and there is no marked bike facility. There are paved sidewalks along the roadway.

Riverside Avenue is a generally a north-south Modified Arterial II and has three lanes of travel in each direction, near its interchange with I-10. Parking is not allowed along this roadway and there is no marked bike facility. There are paved sidewalks

Willow Avenue is a north-south Collector Street with one travel lane in each direction. Collector Streets serve as a transition between Local Streets and arterial roadways. On-street parking is allowed along Willow Avenue. The signalized intersection of Willow Avenue/Valley Boulevard would provide access to project traffic.

Alice Avenue is non-classified roadway between Valley Boulevard and the project site. The Alice Avenue/Valley Boulevard intersection would provide a right-in-right access to the project traffic.

The proposed project would not alter any roadway classification. It would make required frontage improvements to Willow Avenue and Alice Avenue and construct access driveways per City standards. Therefore, impacts to roadway facilities would be less than significant.

Pedestrian and Bicycle Facilities

Although the General Plan Circulation Element includes several bicycle classifications, the Rialto Active Transportation Plan, 2020, provides a more comprehensive and updated overview of the City's current and future recommendations to enhance multi-modal facilities:

Class I Multi-Use Paths: Class I multi-use paths (frequently referred to as "bicycle paths") are physically separated from motor vehicle travel routes, with exclusive rights-of-way for non-motorized users like bicyclists and pedestrians.

Class II Bicycle Lanes: Bicycle lanes are one-way route types that carry bicycle traffic in the same direction as the adjacent motor vehicle traffic. They are typically located along the right side of the street (although can be on the left side) and are between the adjacent travel lane and curb, road edge, or parking lane. They are not physically separated from motor vehicle traffic

Class III Bicycle Routes: A bicycle route is a suggested bicycle path of travel marked by signs designating a preferred path between destinations. They are recommended where traffic volumes and roadway speeds are fairly low (35 mph or less). They do not have pavement marking and are not separated from traffic, rather are a share the road facility.

Class IV Separated Bikeways: Separated bikeways, also known as cycle tracks, are bicycle-specific routes that combine the user experience of a multi-use path with the on-street infrastructure of a conventional bicycle lane. Separated bikeways are physically separated from motor vehicle traffic and designed to be distinct from any adjoining sidewalk.

There are no existing bicycle facilities adjacent to the project site along Valley Boulevard or Riverside Avenue. Per Rialto Active Transportation Plan (March 2020), the proposed facilities in the vicinity of the project include Class II/III facilities along Riverside Avenue and Class II Bike lanes along Valley Boulevard. As such, the project would not conflict with proposed bicycle facilities or preclude the City from implementing or constructing them, and impacts would be less than significant.

Site analysis of the project area does not indicate existing sidewalk and pedestrian facilities along the full extents of Willow Avenue or Alice Avenue in the vicinity of the project site. The project would be responsible for constructing frontage improvements, including sidewalks along those roadways. As such, development of the project would improve the existing pedestrian facilities, and impacts would be **less than significant**.

b) Would the project conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?

Less-than-Significant Impact. As shown in the analysis below, based on the City's adopted thresholds, the Project generated VMT would result in a less than significant impact.

On September 27, 2013, Senate Bill (SB) 743 was signed into law, which created a process to change the way that transportation impacts are analyzed under CEQA. SB 743 required the Governor's Office of Planning and Research (OPR) to amend the CEQA Guidelines to provide an alternative to LOS for evaluating transportation impacts. Under the transportation guidelines, LOS, or vehicle delay, will no longer be considered an environmental impact under CEQA. The updates to the CEQA Guidelines required under SB 743 were approved on December 28, 2018. These guidelines identify VMT as the most appropriate measure of transportation impacts under CEQA as of July 1, 2020.

VMT Screening

The following screening criteria were analyzed using the San Bernardino County Transportation Authority (SBCTA) VMT Screening Tool per direction from the City. The City Guidelines state Projects that meet certain VMT screening criteria may be presumed to result in a less than significant transportation impact. The City Guidelines lists the following VMT screening criteria:

- **Transit Priority Area (TPA) Screening:** Projects located within a TPA[11] as determined by the most recent RTP/SCS. The proposed Project is not located within a TPA. Therefore, it cannot be screened out using this criterion.
- **Low VMT Area Screening:** The SBCTA VMT Screening Tool (Screening Tool) was used to determine whether the proposed Project would be in a low VMT-generating area. The City's recommend guidance defines a low VMT generating area as one in which the proposed Project is located within a Traffic

[11] Per Public Resources Code section 21099(a)(7) a "Transit priority area" means an area within one-half mile of a major transit stop that is existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations. For purposes of SB 743, a transit priority area also includes major transit stops that are scheduled to be completed within the planning horizon of the RTP/SCS.

Analysis Zone (TAZ) where the VMT per worker is lower than City's adopted threshold. TAZs are geographic polygons similar to Census block groups used to represent areas of homogenous travel behavior. Based on the Screening Tool results included in Traffic Scoping Form (Appendix X2), the Project is not located within a low VMT generating zone as compared to the City adopted threshold.

- **Project Type Screening:** The City Guidelines state that local serving retail projects less than 50,000 square feet may be presumed to have a less than significant impact absent substantial evidence to the contrary. In addition to local serving retail, the City Guidelines also provides a list of land use projects that may be presumed to cause a less than significant impact based on size or quantity. The proposed project does not meet the project type screening included in the City Guidelines.

As the proposed Project would not meet the City's recommended screening criteria, a Project level detailed VMT analysis is required.

VMT Analysis

The City requires the evaluation of project generated VMT to be analyzed in detail for projects that do not meet any of their screening criteria. The calculation of VMT for land use projects is based on the total number of trips generated and the average trip length of each vehicle. The City's Guidelines identify the San Bernardino Transportation Analysis Model (SBTAM) as the appropriate tool to conduct a detailed VMT analysis for land use projects. The technical memorandum describing the SBTAM model run for VMT by sub-consultant Urban Crossroads is included in Appendix H1.

VMT Impact Determination

Through consultation with City Staff and as noted in the Traffic Scoping Form, it was identified that the appropriate VMT metric for employment generating industrial land uses to be utilized for the purposes of this VMT Analysis is Production Attraction home-based work (HBW) VMT per employee or worker. As inferred from the City Guidelines, the Project would result in a significant project generated VMT impact if either of the following conditions is met for single use industrial projects:

- Baseline project generated VMT per employee exceeds the County of San Bernardino VMT per employee, or
- Cumulative project generated VMT per employee exceeds the County of San Bernardino VMT per employee.

As noted in the Low Area VMT screening step, the County of San Bernardino baseline average VMT per employee is 16.9.

Project VMT

The SBTAM is trip-based regional travel demand model that considers interaction between different land uses based on socio-economic data such as population, households, and employment. Project VMT has been calculated using the most current version of SBTAM. Adjustments in socio-economic data (i.e., employment) were made to the appropriate TAZ within the SBTAM model to reflect the Project's proposed warehousing land use. The Project socio-economic data is consistent with the employment density factors for San Bernardino County from the SCAG Employment Density Survey (October 31, 2001). Based on

number of employees estimated using Table II-B of the SCAG study (1 employee per 1,195 square feet), the Project was coded with 116 employees.

The Project generated VMT is defined as the VMT attributed to vehicle trips to and from the Project zone or zones. For single use industrial land uses such as the project, the efficiency metric of Home-based Work (HBW) VMT per employee can be used to evaluate Project VMT. The HBW VMT is obtained from the SBTAM model using the Production/Attraction (PA) method for calculating VMT, which sums all weekday VMT generated by trips with at least one trip end in the study area (i.e., Project's TAZ). Productions are land use types that generate trips (residences), and attractions are land use types that attract trips (employment). Productions and attractions are converted from person trips to vehicle trips for the purposes of calculating VMT and are then multiplied by the distance skims to calculate VMT. Table 2 presents Project generated PA HBW VMT from the SBTAM model, along with the estimated number of Project employees, and the resulting Work VMT per employee.

Project generated VMT was calculated for baseline (2022) and cumulative year model (2040) and is summarized in Table 3.17-2.

Table 3.17-2. Summary of Project VMT

	Baseline	Cumulative
Home Based Work (HBW) VMT	1,944	1,886
Number of Employees	116	116
HBW VMT/Employee	16.79	16.29
City's Adopted Threshold (HBW VMT/Employee)	16.90	16.90
Percent Below City's Threshold	-0.65%	-3.61%
Potentially Significant?	No	No

Note: VMT = vehicle miles traveled
Source: SBTAM Model Results; (Appendix H1)

As shown in the Table 3.17-2, the City adopted threshold is 16.90 VMT/employee. As shown, the Project's HBW VMT per employee is 16.79 under baseline conditions and 16.29 under cumulative conditions, which would be 0.65% below the City's impact threshold for baseline conditions and 3.61% below the City's impact threshold for cumulative conditions. Because the Project generated VMT per employee does not exceed the City's adopted threshold VMT per employee in either the baseline or cumulative conditions, the Project generated VMT impact would be **less than significant**.

c) Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Less-than-Significant Impact. The signalized intersection of Valley Boulevard/Willow Avenue would provide access to the project traffic. Access to the project site would be provided by two driveways – a full access driveway for passenger cars and inbound trucks along Willow Avenue and an outbound driveway for passenger cars and trucks along Alice Avenue. Both driveways would be 40 feet wide. During site plan review, the internal roadway and driveway widths, curb radii to facilitate passenger car and truck turning and movement would be reviewed, designed, and constructed per City standards and applicable street design requirements.

During construction, if any activities or improvements are required within the public right-of-way, the proposed project would be required to comply with standards set forth by the City such as preparing a traffic control plan. Therefore, the project would not introduce an incompatible design feature that would impede traffic flow on roadway facilities. There would be no incompatible or hazardous uses associated with the proposed project and impacts would be **less than significant**.

d) Would the project result in inadequate emergency access?

Less-than-Significant Impact. Access to the project site would be provided by two driveways from Willow Avenue and Alice Avenue. Emergency vehicle access will be available at both driveways and facilitated such that the project is accessible to emergency responders during construction and operation of the project. The City's design review process will ensure that the site plan including layout of the proposed building, drive aisles, parking lots, and truck courts to ensure adequate travel path for emergency vehicles. The review of future developments will also ensure that other developments along Valley Boulevard and Willow Avenue have adequate emergency access. Therefore, impacts associated with an emergency response plan or emergency evacuation plan would be **less than significant.**

3.18 Tribal Cultural Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. TRIBAL CULTURAL RESOURCES				
Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or	☐	☐	☒	☐
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☒	☐	☐

The evaluation of potential impacts to Tribal Cultural Resources is based on the findings resulting from tribal consultation conducted by the City, as the lead agency, as well as the findings of the Archaeological Resources Assessment conducted by Dudek in 2023 (Appendix C-2).

Assembly Bill 52

AB 52 of 2014 amended PRC Section 5097.94 and added PRC Sections 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2, and 21084.3. AB 52 established that tribal cultural resources must be considered under CEQA and also provided for additional Native American consultation requirements for the lead agency. PRC Section 21074 describes a tribal cultural resource as a site, feature, place, cultural landscape, sacred place, or object that is considered of cultural value to a California Native American Tribe. A tribal cultural resource (TCR) is either:

- On the CRHR or a local historic register;
- Eligible for the CRHR or a local historic register; or
- A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC Section 5024.1.

AB 52 formalizes the lead agency–tribal consultation process, requiring the lead agency to initiate consultation with California Native American groups that are traditionally and culturally affiliated with the project area, including tribes that may not be federally recognized. Lead agencies are required to begin consultation prior to the release of a negative declaration, mitigated negative declaration, or environmental impact report by contacting those tribal groups who have previously provided formal written request for notification of projects under the agency's jurisdiction.

Section 1 (a)(9) of AB 52 establishes that "a substantial adverse change to a tribal cultural resource has a significant effect on the environment." Effects on TCRs should be considered under CEQA. Section 6 of AB 52 adds Section 21080.3.2 to the PRC, which states that parties may propose mitigation measures "capable of avoiding or substantially lessening potential significant impacts to a tribal cultural resource or alternatives that would avoid significant impacts to a tribal cultural resource." Further, if a California Native American tribe requests consultation regarding project alternatives, mitigation measures, or significant effects to TCRs, the consultation shall include those topics (PRC Section 21080.3.2[a]). Finally, the environmental document, for which the tribal consultation is focused, and the mitigation monitoring and reporting program (where applicable), developed in consideration of information provided by tribes during the formal consultation process, shall include any mitigation measures that are adopted (PRC Section 21082.3[a]).

Assembly Bill 52 Consultation

The project is subject to compliance with AB 52 (PRC 21074), which requires consideration of impacts to TCRs as part of the CEQA process, and that the lead agency notify California Native American Tribal representatives (that have requested notification) who are traditionally or culturally affiliated with the geographic area of the proposed project. All NAHC-listed California Native American Tribal representatives that have requested project notification pursuant to AB 52 were sent letters by the City on January 13, 2023, via certified mail. The notification letters contained a brief Project description, outline of AB 52 timing, an invitation to consult, a Project Location figure and contact information for the appropriate lead agency representative. Table 3.18-1 summarizes the current results of the AB 52 process for the Project.

Table 3.18-1. Assembly Bill 52 Native American Tribal Outreach Results

Native American Tribal Representatives	AB 52 Delivery Method and Date of Notification from City to Tribe	Response to City Notification Letters	Consultation Date and Notes
Andrew Salas, Chairperson Gabrieleño Band of Mission Indians – Kizh Nation	**January 31, 2023** via certified mail letter	**February 6, 2023**	**March 1, 2023:** Tribe requested consultation through email and stated they would send over "substantial evidence" and mitigation measures. **March 14, 2023:** Tribe provided Mitigation Measures to the City (no documentation to establish substantial evidence of the presence of a TCR within the Project site was provided by the Tribe)
Thomas Tortez, Chairperson Torres-Martinez Desert Cahuilla	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Isaiah Vivanco, Chairperson Soboba Band of Lusieño Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Lovina Redner, Tribal Chair Santa Rosa Band of Cahuilla Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Cheryl Madrigal, Tribal Historic Preservation Officer Rincon Band of Luiseño Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Joseph Hamilton, Chairperson Ramona Band of Cahuilla	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Jill McCormick, Historic Preservation Officer Quechan Tribe of the Fort Yuma Reservation	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Shasta Gaughen, Tribal Historic Preservation Officer Pala Band of Mission Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Robert Martin, Chairperson Morongo Band of Mission Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.

Table 3.18-1. Assembly Bill 52 Native American Tribal Outreach Results

Native American Tribal Representatives	AB 52 Delivery Method and Date of Notification from City to Tribe	Response to City Notification Letters	Consultation Date and Notes
Ray Chapparosa, Chairperson Los Coyotes Band of Cahuilla and Cupeño Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Charles Alvarez, Gabrieleño-Tongva Tribe	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Anthony Morales, Chairperson Gabrieleño-Tongva San Gabriel Band of Mission Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Robert Dorame, Chairperson Gabrieleño Tongva Indians of California Tribal Council	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Christina Conley, Tribal Consultant and Administrator Gabrieleño Tongva Indians of California Tribal Council	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Sandonne Goad, Chairperson Gabrieleño-Tongva Nation	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Daniel Salgado, Chairperson Cahuilla Band of Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Doug Welmas, Chairperson Cabazon Band of Mission Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Amanda Vance, Chairperson Augustine Band of Cahuilla Mission Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Patricia Garcia-Plotkin, Director Agua Caliente Band of Cahuilla Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.

Table 3.18-1. Assembly Bill 52 Native American Tribal Outreach Results

Native American Tribal Representatives	AB 52 Delivery Method and Date of Notification from City to Tribe	Response to City Notification Letters	Consultation Date and Notes
Wayne Walker, Co-Chairperson Serrano Nation of Mission Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Jessica Mauck, Director of Cultural Resources San Manuel Band of Mission Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.
Mark Macarro, Chairperson Pechanga Band of Indians	**January 31, 2023** via certified mail letter	None	As no response was received, consultation was concluded.

Notes: AB: Assembly Bill

To date, the City has received one response to the notification letters from the Gabrielino Band of Mission Indians – Kizh Nation. No tribal cultural resources have been identified within the project site as a result of consultation that has occurred thus far. Tribal consultation is still ongoing, and the results of consultation will be provided within the Final IS/MND.

The project site is disturbed and has been developed for several decades. The development and construction activities that have taken place over the years have heavily disturbed subsurface soils found on the project site. However, despite the previous disturbance on the project site, it is always possible that intact tribal cultural resources deposits are present at subsurface levels.

Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

a) ***Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?***

Less-than-significant Impact. As discussed in Section 3.5 above, the project site does not contain any resources that are either listed or eligible for listing in the CRHR or in a local register of historical resources as defined in California Public Resources Code, Section 5020.1(k). Therefore, impacts associated with historical resources would be less than significant.

b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

Less-than-Significant Impact with Mitigation Incorporated. The project is subject to compliance with AB 52 (California Public Resources Code, Section 21074), which requires consideration of impacts to Tribal Cultural Resources as part of the CEQA process. AB 52 requires the City, as the lead agency responsible for CEQA compliance for the project, to notify any groups (who have requested notification) of the project who are traditionally or culturally affiliated with the geographic area of the project. In addition to notifying those tribes as previously defined, it is the City's policy to provide notification to each tribal representative provided by the NAHC as traditionally or culturally affiliated with the geographic area of the project. Because AB 52 is a government-to-government process, all records of correspondence related to AB 52 notification and any subsequent consultation are on file with the City. On January 13, 2023, the City sent notification letters. To date, TCRs have not been identified through tribal consultation under AB 52, and the lead agency has not identified any TCRs within the proposed Project site that would warrant discretionary designation of a resource as a TCR. Tribal consultation is still ongoing and the results of consultation will be provided within the Final IS/MND.

In consideration of factors provided in Section 3.5, the potential to encounter intact cultural deposits containing tribal cultural resources within soils from the current grade to approximately 2.5 feet below existing ground surface is unlikely. However, the potential for intact cultural deposits to exist within native soils (from below 1 foot to 2.5 feet below ground surface [bgs]) to the depths of proposed ground disturbance is unknown. For these reasons, the proposed Project site should be treated as potentially sensitive for tribal cultural resources. In the event that unanticipated tribal cultural resources are encountered during project implementation, impacts to these resources would be potentially significant. Thus, in an abundance of caution, the City will require the implementation of MM-CUL-1 through MM-CUL-3 (see Section 3.5 above) as well as MM-TCR-1 through MM-TCR-3 to reduce potential impacts to a less-than-significant level during subsurface construction activities.

MM-TCR-1 Workers Environmental Awareness Program - All Consulting Tribes shall be notified by the applicant/owner/developer of the time and location of the Worker Environmental Awareness Program (WEAP) training no later than 72 hours prior to its scheduled occurrence. The applicant/owner/developer shall provide all Consulting Tribes access and opportunity to participate in the WEAP training. Further details and requirements pertaining to the WEAP training, please see MND Section 3.5 Cultural Resources mitigation measure CUL-1.

MM-TCR-2 Retention of a Native American Monitoring - Prior to any ground disturbance activities, the applicant/owner/developer shall contact all Consulting Tribes with notification of the approximate commencement of ground disturbing activities. The applicant/owner/developer shall make arrangements with the Consulting Tribes to enter into a Native American Monitoring Agreement with the intent of securing a total of one Native American monitor (from any Tribe under contract) to be present during initial ground disturbance occurring from 1 foot above native soils and below. Initial ground disturbance is defined as initial construction-related earthmoving of sediments from their place of deposition. As it pertains to cultural resource (archaeological or Native American) monitoring, this definition excludes movement of sediments after they have been initially disturbed or displaced by current

Project-related construction. The timing of when cultural resource monitoring (archaeological and Native American) shall be required shall be outlined in the Cultural Resource Monitoring and Inadvertent Discovery Plan pursuant to MM-CUL-1. The Plan shall be provided to each Consulting Tribe under contract prior to commencement of ground disturbing activities. More than one monitor may be required if multiple areas within the Project site are simultaneously exposed to initial ground disturbance causing monitoring to be hindered by the distance (more than 100 feet apart) of the simultaneous activities. If more than one of the Consulting Tribes would like to serve as a contracted monitoring entity, each Consulting Tribe shall be retained under contract with the applicant/owner/developer and monitoring shall occur on a nonsynchronous, rotational basis allowing each Consulting Tribe the opportunity to monitor as equally as possible based on the construction schedule and availability of each Consulting Tribe's monitors.

MM-TCR-3 Inadvertent Discovery Clause - In the event that potential prehistoric or historic-era Native American/Tribal resources (sites, features, or artifacts) are exposed during construction activities for the project, all construction work occurring not less than 50 feet of the find shall immediately stop and all Consulting Tribes must be notified immediately and be consulted with throughout the assessment of the find and determination of whether or not additional study is warranted. Depending upon the nature of the discovery, the archaeologist may simply record the find and allow work to continue. If the discovery proves potentially significant under CEQA, additional work such as subsurface testing may be warranted. If the discovery is determined significant under CEQA and avoidance is not feasible, data recovery shall be required.

In the event that human remains and associated funerary objects are inadvertently encountered during construction activities, the remains and funerary objects shall be treated in accordance with state and local regulations that provide requirements with regard to the accidental discovery of human remains, including California Health and Safety Code Section 7050.5, California Public Resources Code Section 5097.98, and CEQA Guidelines Section 15064.5(e). In accordance with these regulations, if human remains are found, the County Coroner must be immediately notified of the discovery. Additionally, all Consulting Tribes must be notified of the discovery immediately. No further excavation or disturbance within no less than 100 feet of the discovery or any area reasonably suspected to overlie adjacent remains can occur until the County Coroner has determined if the remains are human in origin. If the County Coroner determines that the remains are, or are believed to be, Native American, he or she is required to notify the NAHC within 24 hours. The NAHC must immediately notify those persons it believes to be the most likely descendant from the deceased Native American. The most likely descendant shall then determine, in consultation with the property owner, the disposition and treatment of the human remains.

3.19 Utilities and Service Systems

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIX. UTILITIES AND SERVICE SYSTEMS – Would the project:				
a) Require or result in the relocation or construction of new or expanded water, waste water treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	☒	☐
c) Result in a determination by the waste water treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
d) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

a) ***Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?***

Less-than-Significant Impact. The proposed project involves the demolition of existing buildings and asphalt on site and construction of an industrial/warehouse building, as well as paved parking areas and landscape areas. The project site currently consists of trucking and automotive services. As such, the proposed project would increase demand for water supply compared to existing land uses.

As part of the project, utility service lines, including those for water, wastewater, stormwater drainage, electric power, natural gas, and telecommunications services, would be extended from their current locations in the public right-of-way surrounding the project site for operation of the proposed warehouse building. The current uses on the site are connected to these utility service lines.

Given that the activity of connecting utilities from their current locations within the public right-of-way would require ground disturbance and the use of heavy machinery associated with trenching, the connection of these utility services to the proposed warehouse building could potentially result in environmental effects. However, the extension of these utility lines is part of the proposed project analyzed herein. As such, any potential environmental impacts related to these components of the project are already accounted for in this IS/MND as part of the impact assessment conducted for the entirety of the project. No adverse physical effects beyond those already disclosed in this IS/MND would occur as a result of implementation of the project's utility system connections. Additionally, the project would constitute a nominal increase in utility usage, which has already been accounted for in growth projections for the City and by each utility provider. No modifications to utility infrastructure would be necessary outside of the immediate project area. As such, impacts associated with the construction or expansion of utility line connections would be less than significant.

b) Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

Less-than-Significant Impact. Domestic water would be provided to the project site by Rialto Public Works Department Water Division. Water service is provided for single-family, multiple-family, commercial, light industrial, governmental, and landscaping purposes.

The primary water source for Rialto is groundwater from four different groundwater basins (City of Rialto 2021). The Upper Santa Ana River Watershed Integrated Regional Urban Water Management Plan contains existing and projected water supplies and demands for the region, including the Rialto Public Works Department Water Division. Table 3.19-1 shows projected water supplies during single- and multiple-dry year conditions, which represents "worst-case" conditions during extended periods of drought when supplies would be reduced.

Table 3.19-1. Projected Multiple Dry Year Supply and Demand Comparison (Acre-Feet)

Multiple Dry Year Scenario	2025	2030	2035	2040	2045
First Year					
Supply Totals	12,147	12,922	13,696	14,194	14,691
Demand Totals	10,563	11,236	11,910	12,342	12,775
Difference (supply minus demand)	**1,584**	**1,685**	**1,786**	**1,851**	**1,916**
Second Year					
Supply Totals	12,147	12,922	13,696	14,194	14,691
Demand Totals	10,563	11,236	11,910	12,342	12,775
Difference (supply minus demand)	**1,584**	**1,685**	**1,786**	**1,851**	**1,916**
Third Year					
Supply Totals	12,147	12,922	13,696	14,194	14,691
Demand Totals	10,563	11,236	11,910	12,342	12,775
Difference (supply minus demand)	**1,584**	**1,685**	**1,786**	**1,851**	**1,916**
Fourth Year					
Supply Totals	12,147	12,922	13,696	14,194	14,691

Table 3.19-1. Projected Multiple Dry Year Supply and Demand Comparison (Acre-Feet)

Multiple Dry Year Scenario	2025	2030	2035	2040	2045
Demand Totals	10,563	11,236	11,910	12,342	12,775
Difference (supply minus demand)	**1,584**	**1,685**	**1,786**	**1,851**	**1,916**
Fifth Year					
Supply Totals	12,147	12,922	13,696	14,194	14,691
Demand Totals	10,563	11,236	11,910	12,342	12,775
Difference (supply minus demand)	**1,584**	**1,685**	**1,786**	**1,851**	**1,916**

Source: City of Rialto 2021.

Table 3.19-1 demonstrates that the City anticipates adequate supplies for years 2025 to 2045 under multiple-dry year conditions based on current land use projections. However, in the event of a drought, the Rialto UWMP has prepared a water shortage contingency plan for the region (City of Rialto 2021). This plan provides specific actions that would be taken to ensure critical water needs of the region are met during a period in which water supplies are cut by 50%. Based on the future and existing capacity of water supplies and water management measures, it is anticipated there are sufficient water supplies to serve the proposed project. Therefore, impacts associated with available sufficient water supplies to serve the project site during normal, dray and multiple dry years would be less than significant.

c) Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less-than-Significant Impact. Under existing conditions, the project site is developed with existing buildings and asphalt associated with commercial and industrial uses and contributes to the overall wastewater generated within the City. As noted above in Section 3.11(b), the proposed project proposes development of a warehouse that is consistent with the existing zoning designation established by the City. As such, anticipated wastewater generation for an industrial use has already been accounted for in growth projections for the City. Existing infrastructure is adequate to convey wastewater without requiring the expansion of the facilities. In addition, the project site wastewater conveyance and treatment. Therefore, impacts associated with adequate wastewater capacity to serve the project's demand would be less than significant.

d) Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Less-than-Significant Impact. Solid waste generated in the City is collected and transported by the City's contract waste hauler, Burrtec Waste Industries (City of Rialto 2022c). Once collected, solid waste is transported to sorting/disposal facilities permitted to accept residential and commercial solid waste, with each facility's operations routinely inspected by regional and state regulatory agencies for compliance with all applicable statutes and regulations. Burrtec operates five material recovery facilities in Southern California, which sort and process recyclables; the remaining waste is then taken to the nearby Mid-Valley Sanitary Landfill (Burrtec Waste Industries 2022).

The California Department of Resources Recycling and Recovery (CalRecycle) publishes solid waste generation rates based on land use types. According to CalRecycle, manufacturing/warehouse uses

generate 1.42 pounds per 100 square feet per day (CalRecycle 2019a). Based on these generation rates, construction of the proposed 136,200-square-foot warehouse facility could generate solid waste at a rate of approximately 1,934 pounds of solid waste, or 0.97 tons per day.[12]

The Mid-Valley Sanitary Landfill currently has a maximum permitted throughput of 7,500 tons per day and a remaining capacity of 61,219,377 cubic yards (CalRecycle 2019b). As a result, solid waste generated by the project would represent only a nominal percentage of the collective maximum daily throughput permitted for this landfill; therefore, impacts associated with permitted landfill capacity would be less than significant.

*e) **Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?***

Less-than-Significant Impact. All collection, transportation, and disposal of solid waste generated by the project would comply with all applicable federal, state, and local statutes and regulations. Under AB 939, the Integrated Waste Management Act of 1989, local jurisdictions are required to develop source reduction, reuse, recycling, and composting programs to reduce the amount of solid waste entering landfills. Local jurisdictions are mandated to divert at least 50% of their solid waste generation into recycling. The project would be required to submit plans to the Public Works Department for review and approval to ensure the plan would comply with AB 939.

In addition, the state has set a goal of 75% recycling, composting, and source reduction of solid waste by 2020. To help reach this goal, the state adopted AB 341 and AB 1826. AB 341 is a mandatory commercial recycling bill, and AB 1826 is mandatory organic recycling. Waste generated by the project would enter the City's waste stream but would not adversely affect the City's ability to meet AB 939, AB 341, or AB 1826, since the project's waste generation would represent a nominal percentage of the waste created within the City. Therefore, impacts associated with solid waste disposal regulations would be less than significant.

3.20 Wildfire

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. WILDFIRE – If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☒

[12] This estimate does not account for diversion of recyclables from the solid waste stream and, thus, should be considered a conservative projection.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	☒
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

a) Would the project substantially impair an adopted emergency response plan or emergency evacuation plan?

Less-than-Significant Impact. Typically, roadway facilities designated by the City of Rialto General Plan Circulation chapter (City of Rialto 2010) as major, modified, or secondary arterials, as well as other streets with regional access, are assumed to serve as evacuation routes in the event of a regional emergency. Vehicle access to the project site would be provided via S Willow Avenue and S Alice Avenue. Valley Boulevard is classified as a major highway in the Gateway Specific Plan (City of Rialto 1990). Valley Boulevard, located to the north of the project site, provides direct regional access to I-10, located to the south of the project site; thus, this street could serve as emergency evacuation routes for the project area. The project would not include any project-adjacent, off-site improvements within these abutting roadways that would impede response or evacuation activities in the event of an emergency. In addition, the automated gates on site will include pre-emption devices installed for both directions of travel and Knox key switch override to allow for emergency access. Therefore, impacts associated with emergency response and evacuation routes would be less than significant.

b) Due to slope, prevailing winds, and other factors, would the project exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

No Impact. According to CAL FIRE's 2008 High Fire Hazard Severity Zones, the project site is not located in an area identified as being susceptible to wildland fire (CAL FIRE 2008). In addition, the City of Rialto General Plan, Exhibit 5.3, Fire Hazards, does not identify the project site as being located in a fire hazards severity zone (City of Rialto 2010). Further, the project site is relatively flat and contains only limited amounts of ornamental vegetation associated with existing landscaping and does not contain extensive amounts of vegetation or wildfire fuel. Therefore, it is not anticipated that the project, due to slope, prevailing winds, and other factors, would exacerbate wildfire risks or expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire. Thus, the project would not expose people or structures to significant risk involving wildfires, exacerbate wildfire risks, or otherwise result in wildfire-related impacts. Therefore, no impacts associated with wildfire would occur.

c) Would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

No Impact. According to CAL FIRE's 2008 High Fire Hazard Severity Zones, the project site is not located in an area identified as being susceptible to wildland fire (CAL FIRE 2008). In addition, the City of Rialto General Plan, Exhibit 5.3, Fire Hazards, does not identify the project site as being located in a fire hazards severity zone (City of Rialto 2010). The project would construct surface parking lots, new internal circulation roadways, and infrastructure for the proposed development. It is not anticipated that installation or maintenance of internal driveways would exacerbate fire risk, as the driveways would be surrounded by developed land. Further, the project site is in a predominantly developed area and would connect to existing utilities. The project would not require installation or maintenance of other associated infrastructure such as fuel breaks, power lines, or other utilities that would exacerbate fire risk. As such, the project would not expose people or structures to significant risk involving wildland fires, exacerbate wildfire risks, or otherwise result in wildfire-related impacts. Therefore, no impacts associated with wildfire would occur.

d) Would the project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

No Impact. According to CAL FIRE's 2008 High Fire Hazard Severity Zones, the project site is not located in an area identified as being susceptible to wildland fire (CAL FIRE 2008). In addition, the City of Rialto General Plan, Exhibit 5.3, Fire Hazards, does not identify the project site as being located in a fire hazards severity zone (City of Rialto 2010). As discussed in Section 3.7, Geology and Soils, and Section 3.10, Hydrology and Water Quality, the project would not result in significant risks associated with flooding, landslides, runoff, or drainage changes, and the project does not propose the use of fire (such as for a controlled vegetation burn) that would result in post-fire instability. Further, the project site is located within a developed portion of the City that is not susceptible to wildland fires, given its considerable distance from open, natural areas. Thus, the project would not expose people or structures to significant risk involving wildland fires, exacerbate wildfire risks, or otherwise result in wildfire-related impacts. Therefore, no impacts with wildfire would occur.

3.21 Mandatory Findings of Significance

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XXI. MANDATORY FINDINGS OF SIGNIFICANCE				
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	☐	☒	☐	☐
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

a) ***Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?***

Less-Than-Significant Impact With Mitigation Incorporated. As described throughout this IS/MND, with the incorporation of the identified mitigation measures (i.e., MM-BIO-1, MM CUL-1, MM CUL-2, MM CUL-3, MM GEO-1, MM TCR-1, MM TCR-2, and MM TCR-3), the project would not degrade the quality of the environment; would not substantially reduce the habitats of fish or wildlife species; would not cause a fish or wildlife population to drop below self-sustaining levels; would not threaten to eliminate a plant or animal; and would not eliminate important examples of major periods of California history or prehistory. Therefore, impacts would be less than significant with mitigation incorporated.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)

Less-Than-Significant Impact With Mitigation Incorporated. When evaluating cumulative impacts, it is important to remain consistent with Section 15064(h) of the CEQA Guidelines, which states that an EIR must be prepared if the cumulative impact may be significant and the project's incremental effect, though individually limited, is cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.

Alternatively, a lead agency may determine that a project's incremental contribution to a cumulative effect is not cumulatively considerable through mitigation measures set forth in an MND or if the project will comply with the requirements in a previously approved plan or mitigation program that provides specific requirements that will avoid or substantially lessen the cumulative problem within the geographic area in which the project is located.

The proposed project may potentially result in project related biological, cultural, paleontological, and tribal cultural resource impacts that could be potentially significant without the incorporation of mitigation. Thus, when coupled with biological, cultural and tribal cultural resource impacts related to the implementation of other related projects throughout the broader project area, the project would potentially result in cumulative-level impacts if these significant impacts are left unmitigated.

However, with the incorporation of mitigation identified herein, the project's impacts to biological resources (MM BIO-1), cultural and tribal cultural resources (MM CUL-1 thru CUL-3 and MM TCR-1 thru MM TCR-3), and paleontological resources (MM GEO-1) would be reduced to less-than-significant levels and would not considerably contribute to cumulative impacts in the greater project region. In addition, these other related projects would presumably be bound by their applicable lead agency to (1) comply with all applicable federal, state, and local regulatory requirements; and (2) incorporate all feasible mitigation measures, consistent with CEQA, to further ensure that their potentially cumulative impacts would be reduced to less-than-significant levels.

Although cumulative impacts are always possible, the project, by incorporating all mitigation measures outlined herein, would reduce its contribution to any such cumulative impacts to less than cumulatively considerable; therefore, the project would result in individually limited, but not cumulatively considerable, less-than-significant impacts with mitigation incorporated.

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

Less-Than-Significant Impact With Mitigation Incorporated. As evaluated throughout this IS/MND, with incorporation of mitigation identified herein (i.e., MM-BIO-1, MM CUL-1, MM CUL-2, MM CUL-3, MM GEO-1, MM TCR-1, MM TCR-2, and MM TCR-3), all environmental impacts associated with the project would be reduced to less-than-significant levels. Thus, the project would not directly or indirectly cause substantial adverse effects on human beings. Impacts would be less than significant with mitigation incorporated.

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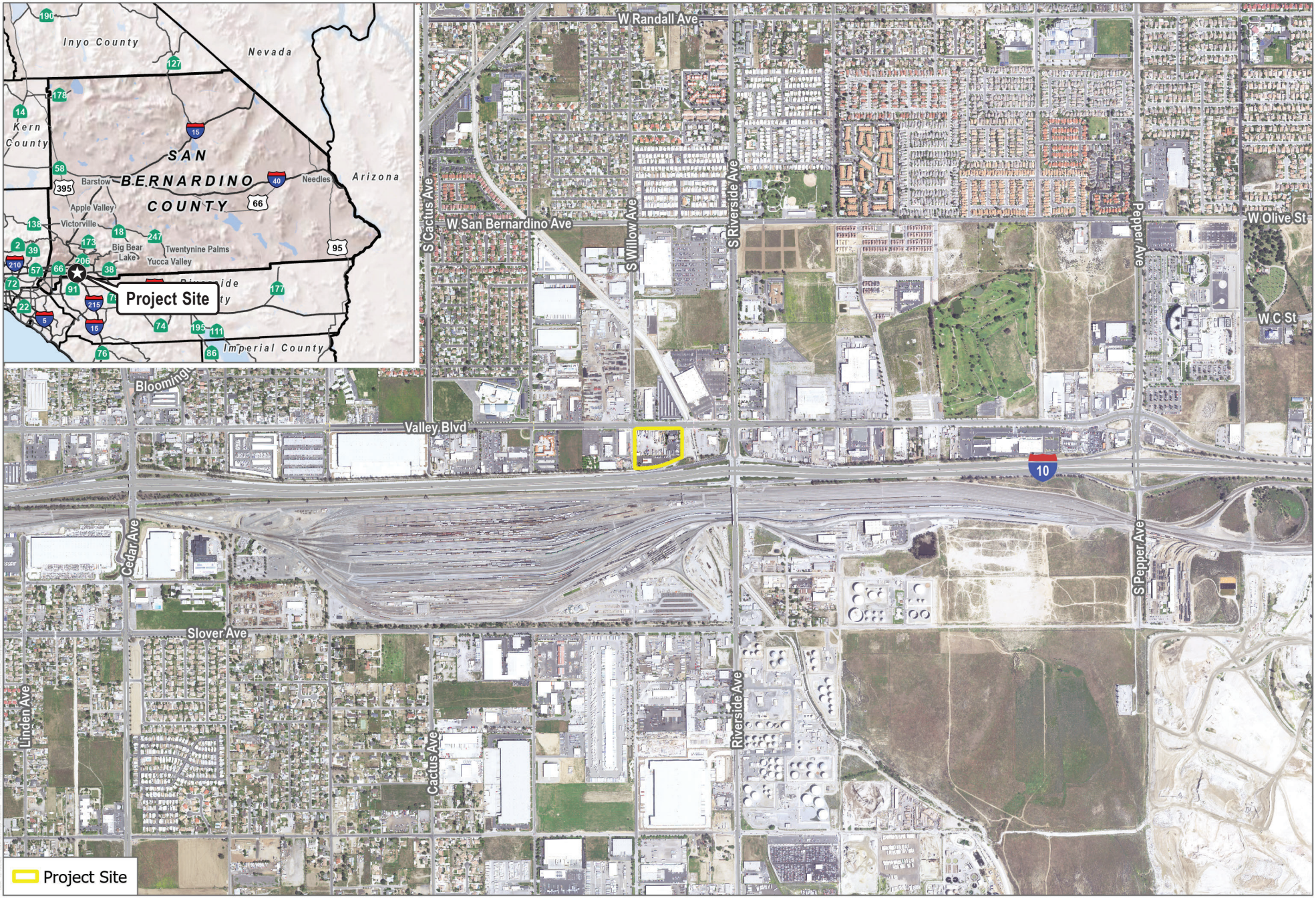
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USDA. 2022. "Web Soil Survey." USDA, Natural Resources Conservation Service, Soil Survey Staff. Accessed December 2022. http://websoilsurvey.nrcs.usda.gov/.

4.2 List of Preparers

Dudek

Kristen Stoner – Project Manager
Hayley Ward – Deputy Project Manager
Shane Russett – Air Quality Specialist
Tommy Molioo – Senior Biologist
Max Murray – Biologist
Linda Kry – Cultural Resource Specialist
Heather McDevitt – Cultural Resource Specialist
Michael Williams, PhD – Paleontologist
Sarah Siren – Paleontologist
Michael Greene, INCE Bd. Cert. – Noise Specialist
Sabita Tewani, AICP, PTP – Transportation Specialist
Kelsey Bacon – GIS Analyst
Amy Seals, MA – Senior Technical Editor
Darlene Alilain-Horn – Publications Specialist



SOURCE: NAIP 2020, Open Street Maps 2019

DUDEK

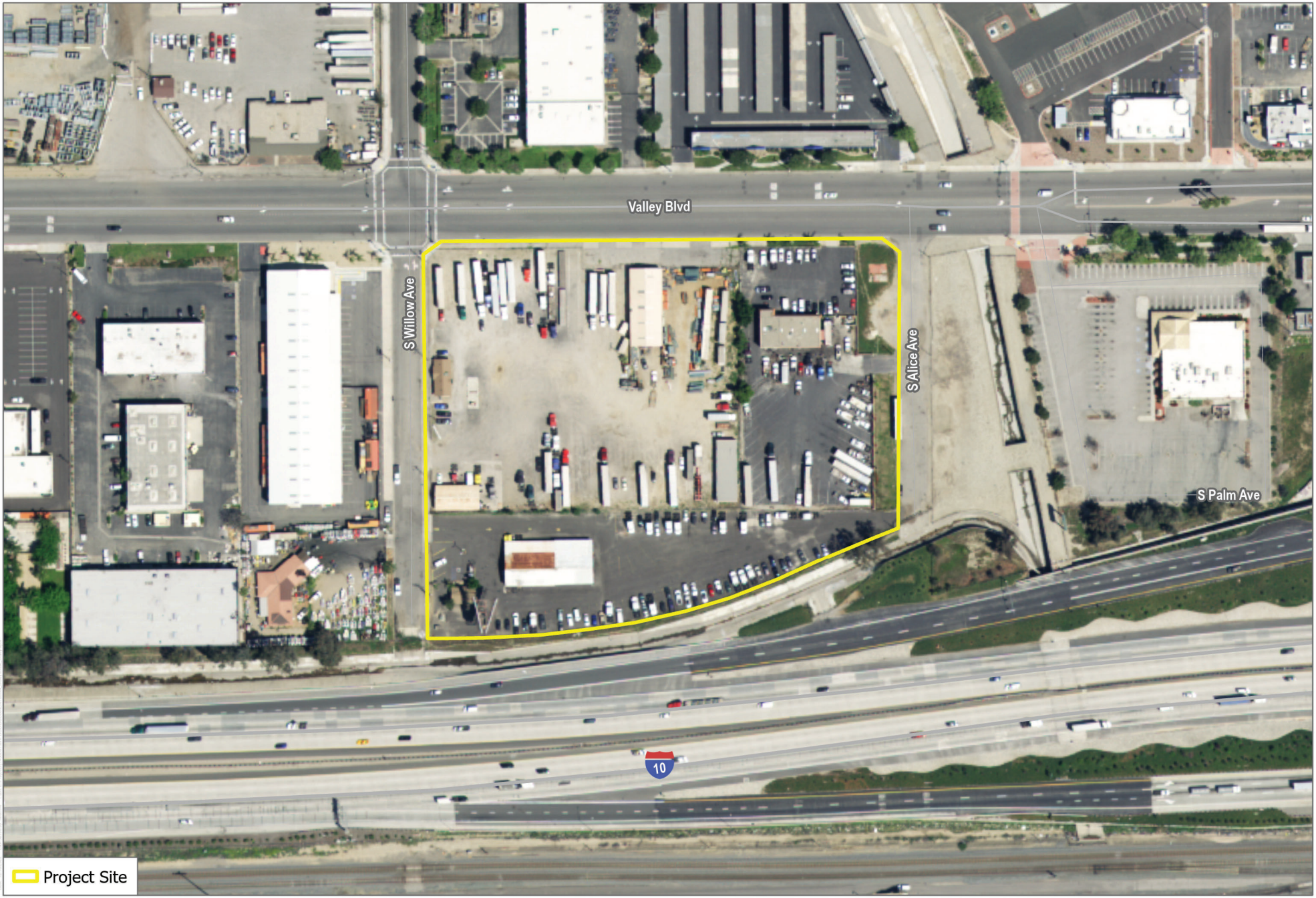
0 500 1,000 Feet

FIGURE 2-1

Project Location

Alice and Willow Avenue Warehouse Project

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SOURCE: NAIP 2020, Open Street Maps 2019

DUDEK

0 75 150 Feet

FIGURE 2-2

Aerial Overview

Alice and Willow Avenue Warehouse Project

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SOURCE: NAIP 2020, Open Street Maps 2019, SCAG 2012

DUDEK

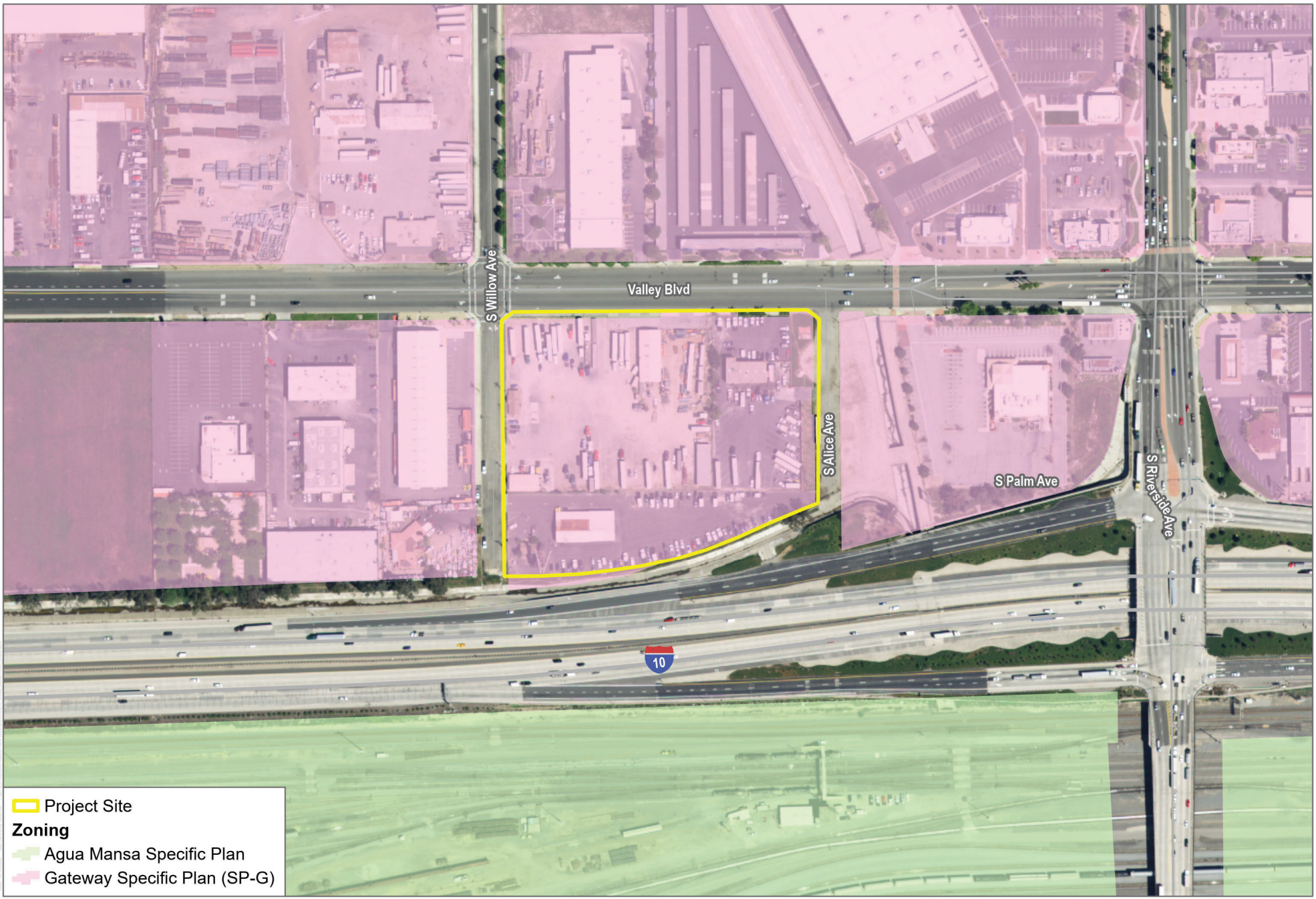
0 125 250 Feet

FIGURE 2-3

General Plan Land Use

Alice and Willow Avenue Warehouse Project

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SOURCE: NAIP 2020, Open Street Maps 2019, SCAG 2012

DUDEK

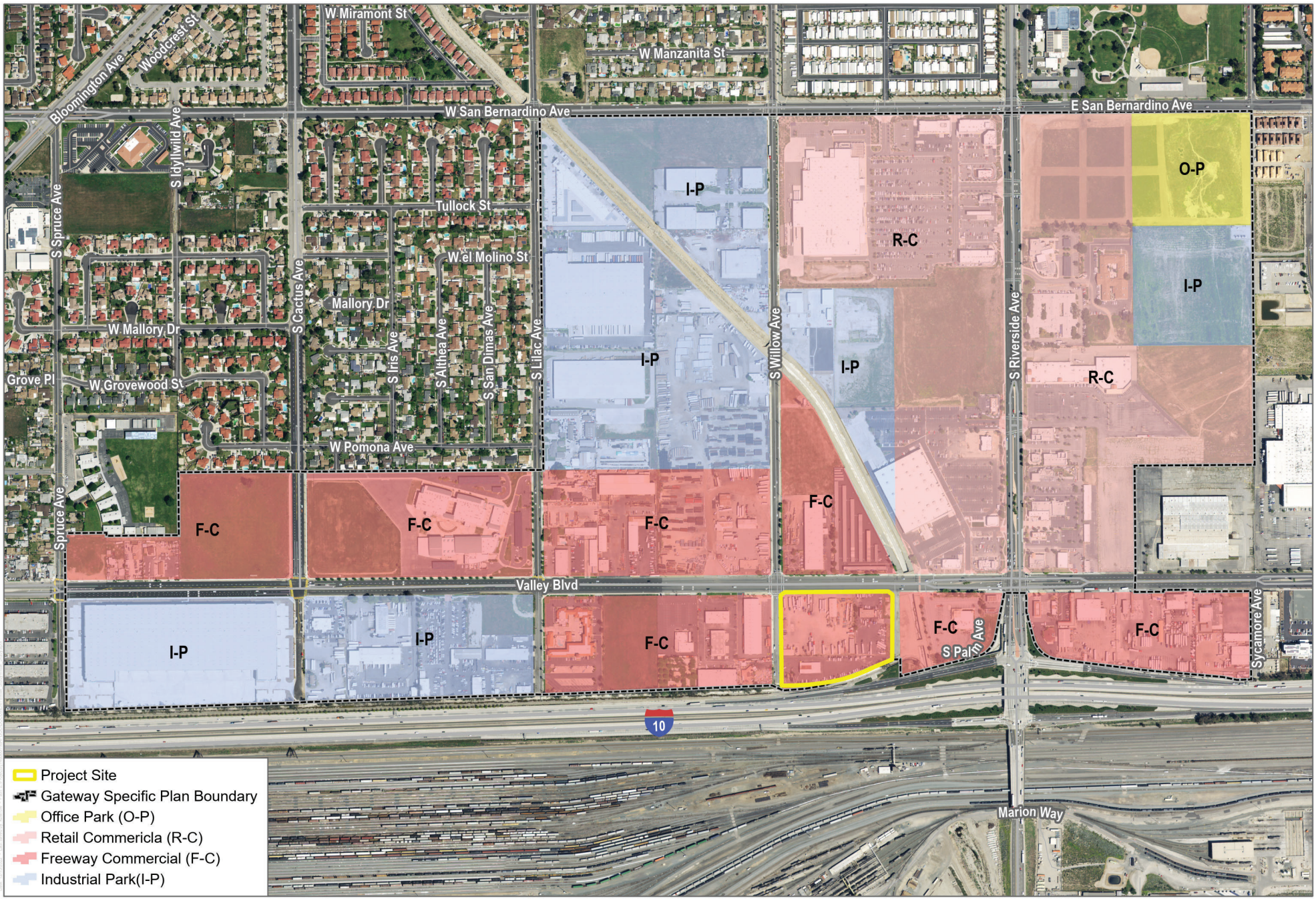
0 125 250 Feet

FIGURE 2-4

Zoning

Alice and Willow Avenue Warehouse Project

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SOURCE: NAIP 2020, Open Street Maps 2019, City of Rialto

FIGURE 2-5

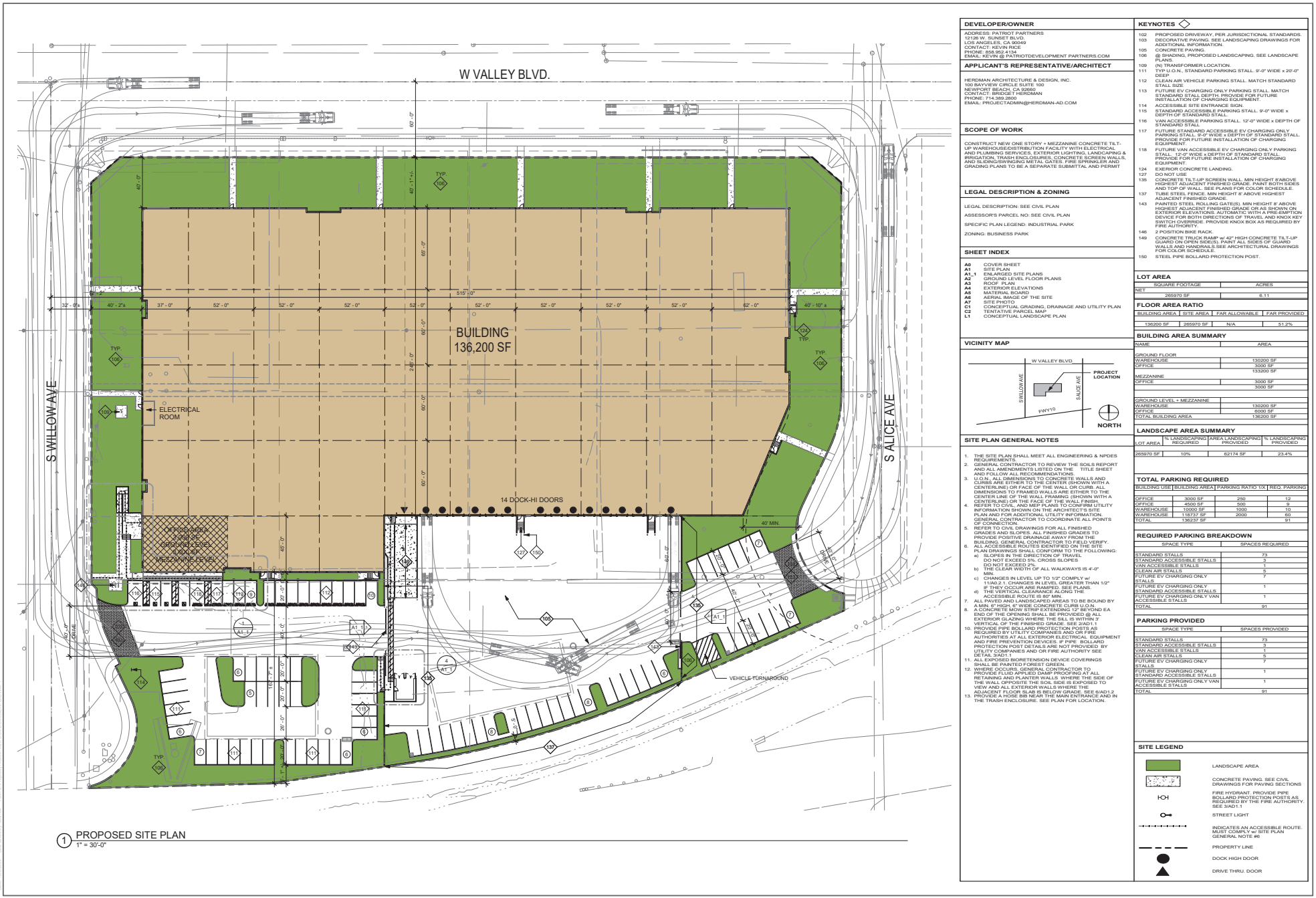
DUDEK

0 500 1,000 Feet

Gateway Specific Plan

Alice and Willow Avenue Warehouse Project

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1 PROPOSED SITE PLAN
1" = 30'-0"

SOURCE: Herdman Architecture + Design 2022

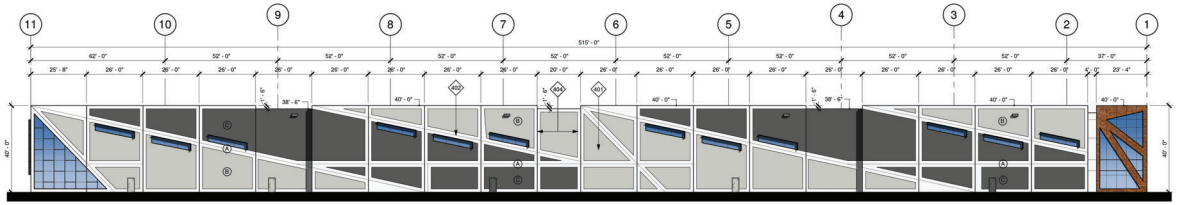
FIGURE 2-6

Conceptual Site Plan

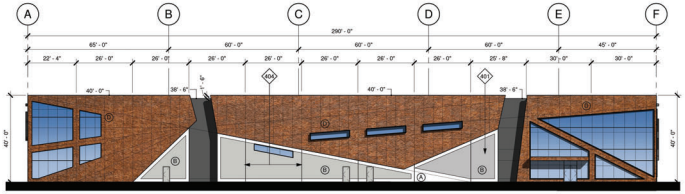
Alice and Willow Avenue Warehouse Project

DUDEK

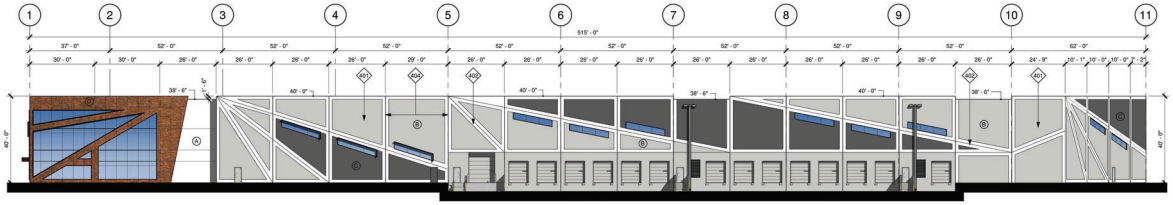
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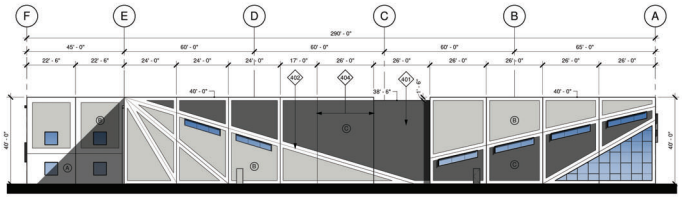
1 PROPOSED NORTH ELEVATION
1" = 20'-0"



2 PROPOSED WEST ELEVATION
1" = 20'-0"



3 PROPOSED SOUTH ELEVATION
1" = 20'-0"



4 PROPOSED EAST ELEVATION
1" = 20'-0"

KEYNOTES

401 PAINTED CONCRETE TILT-UP WALL PANEL.
402 WALL REVEAL.
404 PANEL JOINT.

GLAZING LEGEND & NOTES

STOREFRONT FRAMING:
U.O.N @ VISION SYSTEM, MIN 2"x4 1/2" OFFSET SYSTEM. U.O.N. @ SPANDREL SYSTEM, 2"x1 3/4" OFFSET SYSTEM. STOREFRONT SYSTEM TO BE DESIGN BUILD BY THE GENERAL CONTRACTOR . DESIGN SHALL COMPLY WITH ALL RELEVANT CODE & WIND LOADING REQUIREMENTS.

VISION SYSTEM GLAZING:
FOR EXTERIOR VISION GLAZING USE 1" INSULATED GLASS CONSISTING OF AN OUTER LAYER OF 1/4" VISTACOOL AND AN INNER LAYER OF 1/4" SOLARBAN 60. FOR INTERIOR GLAZING USE 1/2" CLEAR GLASS

SPANDREL SYSTEM GLAZING:
FOR EXTERIOR SPANDREL GLAZING USE 1/4" VISTACOOL. BACK PAINTING OF GLASS NOT REQUIRED.

NOTES:

1. FOR GLASS AND MULLION COLORS, SEE EXTERIOR COLORS, LEGEND & NOTES, THIS SHEET.
2. PROVIDE TEMPERED GLASS @ THE FOLLOWING:
   A. ALL SPANDREL SYSTEM GLAZING IN FRONT OF CONCRETE WALL PANELS
   B. ALL GLAZING WITHIN 18" OF AN ADJACENT WALKING SURFACE.
   C. ALL GLAZING WITH 24" OF ANY PORTION OF A DOOR.
3. @ SPANDREL SYSTEM GLAZING IN FRONT OF CONCRETE WALL PANELS, PROVIDE 1" DIA. VENTILATION HOLES IN THE CONCRETE A MAX OF 5'-0" O.C. CONTRACTOR TO PROVIDE A SMOOTH FINISH ON THE GLASS FACING CONCRETE SURFACES AND TO PAINT THEM IN A COLOR SELECTED BY THE ARCHITECT.
4. @ SPANDREL SYSTEM GLAZING NOT IN FRONT OF A CONCRETE WALL PANEL, PROVIDE TENCATE MIRAFI 140N FILTER FABRIC SHADE CLOTH.

EXTERIOR WALL COLOR LEGEND & NOTES

(A) EXTERIOR PAINT
COLOR: SW 6995 SUPERWHITE

(B) EXTERIOR PAINT
COLOR: SW 7667 ZIRCON

(C) EXTERIOR PAINT
COLOR: SW 7674 PEPPERCORN

(D) CORTEN STEEL METAL FINISH

(E) STOREFRONT MEDIUM PERFORMANCE BLUE REFLECTED GLAZING BLACK ANODIZED MULLION

(F) CHARCOAL ANODIZED
STOREFRONT CAP EXTENSION

NOTES:

1. PAINT MAN DOORS, STAIR & RAMP GUARD WALLS, GUARD RAILS, DOWN SPOUTS, & LOUVERS TO MATCH ADJACENT BUILDING WALL COLOR, U.O.N.
2. U.O.N., EXTERIOR SIDE OF TRUCK DOORS TO BE PRE-FINISHED WITH MANUFACTURER'S WHITE. INTERIOR SIDE TO BE PRE-FINISHED WITH MANUFACTURER'S LIGHT GRAY.
3. POWER WASH EXTERIOR CONCRETE WALLS PRIOR TO PAINTING TO REMOVE ALL CHEMICALS AND DIRT THAT WILL IMPEDE THE PRIMER COAT FROM ADHERING TO THE WALLS.
4. PAINT EXTERIOR WALLS w/ 1- COAT SPRAYED AND BACK ROLLED ACRYLIC FLAT PRIMER AND 2-COATS SPRAYED-ON FLAT FINISH IN THE FINAL WALL COLOR. ALL PAINTS TO BE AS SPECIFIED BY THE MANUFACTURER FOR CONCRETE TILT UP WALL PANELS. FINISHED JOB SHALL BE SMOOTH AND FREE OF LAPPING AND OR STREAKING, REGARDLESS OF THE COLOR.
5. EXCEPT WHERE NOTED OTHERWISE ON THE PLANS ALL PANEL JOINTS SHALL BE CAULKED PER DETAIL 1/AD4.1.
6. PAINT CONCRETE BEHIND ANY OPEN TRELLIS WORK THE COLOR OF THE TRELLIS.
7. @ SOLID BROWS WITH GLAZING DIRECTLY ABOVE OR BELOW, PAINT THE EXPOSED WALL CHAMFER JUST ABOVE OR BELOW THE BROW TO MATCH THE BROW COLOR.

SOURCE: Herdman Architecture + Design 2022

FIGURE 2-7

Conceptual Elevations

Alice and Willow Avenue Warehouse Project

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SOURCE: Herdman Architecture + Design 2022

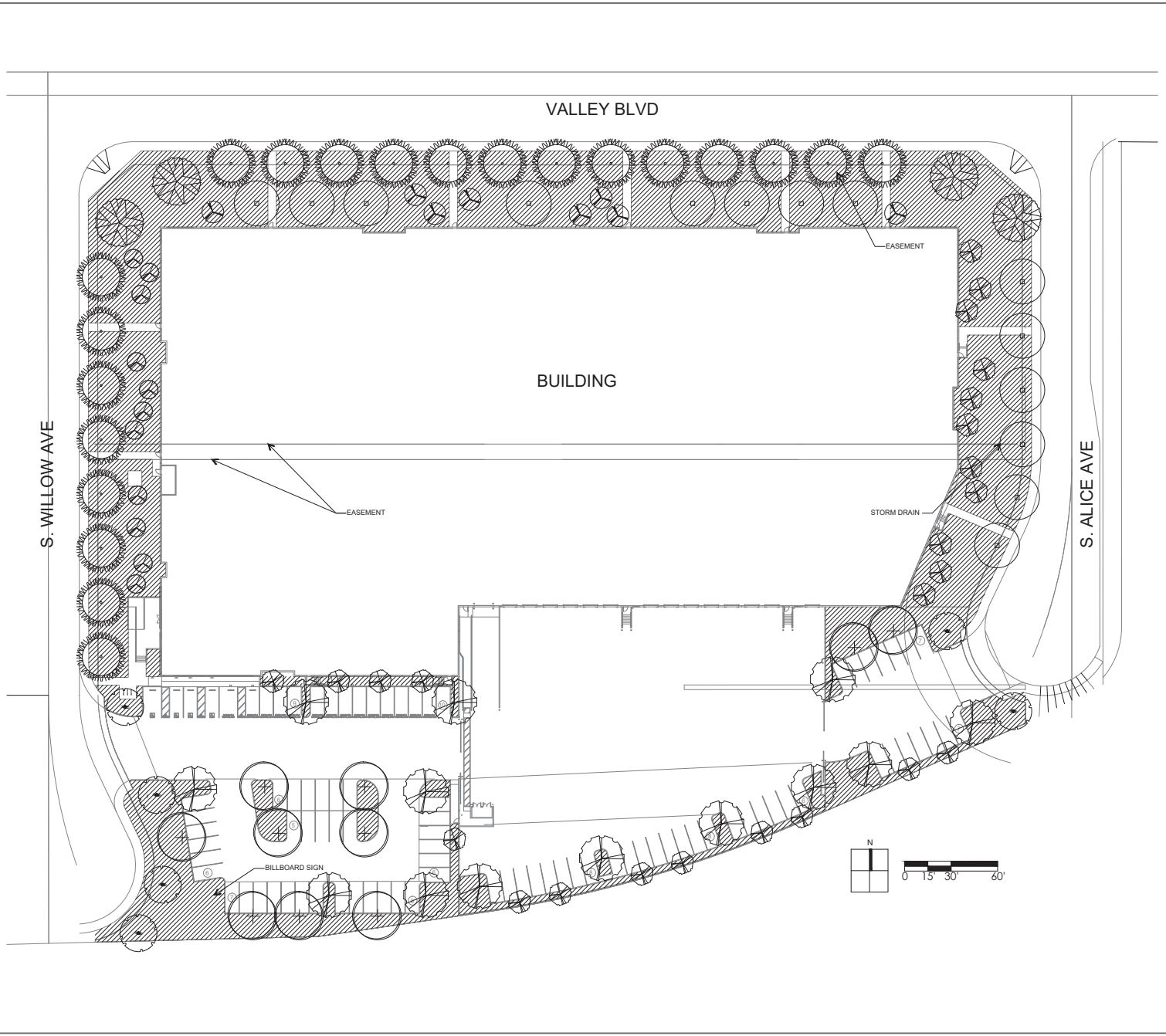
FIGURE 2-8

Conceptual Rendering

Alice and Willow Avenue Warehouse Project

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PLANTING LEGEND

TREES

SYMBOL	BOTANICAL/COMMON NAME	SIZE	QTY	WUCOLS	REMARKS
	Koelreuteria bipinnata Chinese Flame Tree	24" Box	13	M	Standard
	Lagerstroemia i 'Muskogee' Crape Myrtle	15 Gal	11	M	Multi
	Magnolia g. 'Little Gem' Magnolia	24" Box	8	M	Standard
	Olea europaea Olive	36" Box	6	L	Multi
	Pistacia chinensis Chinese Pistache	24" Box	10	L	Standard
	Platanus acerifolia London Plane	36" Box	21	M	Standard
	Quercus agrifolia Coast Live Oak	36" Box	4	M	Multi
	Rhus lancea African Sumac	24" Box	14	L	Standard
	Tristania conferta Brisbane Box	15 Gal	24	M	Standard

SHRUBS

SYMBOL	BOTANICAL/COMMON NAME	SIZE		WUCOLS	SPACING
	Acca sellowiana Pineapple Gauva	5 Gal		M	3' OC 2' from hardscape
	Callistemon 'Little John' Dwarf Bottle Brush	5 Gal		M	3' OC 2' from hardscape
	Cassia phyllodenia Silverleaf Cassia	5 Gal		L	4' OC 2.5' from hardscape
	Dietes bicolor Fortnight Lily	**5 Gal**		**M**	**3' OC** 2' from hardscape
	Ligustrum j. Texanum Texas Privet	5 Gal		M	3' OC 2' from hardscape
	Muhlenbergia capillaris Pink Muhly	5 Gal		M	3' OC 2' from hardscape
	Muhlenbergia rigens Deer Grass	5 Gal		M	4' OC 2.5' from hardscape
	Rhaphiolepis i. 'Clara' Indian Hawthorn	5 Gal		M	3' OC 2' from hardscape
	Rhaphiolepis i. 'Springtime' Indian Hawthorn	5 Gal		M	3' OC 2' from hardscape
	Salvia leucantha Mexican Sage	5 Gal		L	3' OC 2' from hardscape
	Westringia fruticosa Coast Rosemary	5 Gal		L	5' OC 3' from hardscape
	Westringia f. 'Grey Box Dwarf Coast Rosemary	5 Gal		L	3' OC 2' from hardscape

ACCENTS

SYMBOL	BOTANICAL/COMMON NAME	SIZE	WUCOLS	SPACING
	Agave 'Blue Flame' Blue Flame Agave	5 Gal	L	3' OC
	Agave 'Blue Glow Blue Glow Agave	5 Gal	L	3' OC
	Agave victoria-reginae Agave	5 Gal	L	3' OC
	Aloe striata Coral Aloe	1 Gal	L	2' OC
	Dasylerion wheeleri Desert Spoon	5 Gal	L	4' OC
	Echeveria 'Ruffles' Ruffles Echeveria	5 Gal	L	1' OC
	Hesperaloe parviflora Red Yucca	5 Gal	L	3' OC

GROUNDCOVER

SYMBOL	BOTANICAL/COMMON NAME	SIZE	SPACING	WUCOLS	REMARKS
	Acacia redolens 'Low Boy' Dwarf Acacia	1 Gal	8' O.C.	L	
	Carissa m. 'Green Carpet' Prostrate Natal Plum	1 Gal	36" O.C.	M	
	Festuca mairei Altas Fescue	1 Gal	24" O.C.	M	
	Hemerocallis hybridus-Yellow Yellow Day Lily	1 Gal	24" O.C.	M	
	Lantana 'Gold Mound' Yellow Lantana	1 Gal	36" O.C.	L	
	Lonicera j. 'Halliana' Hall's Honeysuckle	1 Gal	48" O.C.	L	
	Rosmarinus o. 'Huntington Carpet' Prostrate Rosemary	1 Gal	48" O.C.	L	
	Trachelospermum jasminiodes Star Jasmine	1 Gal	24" O.C.	M	

SOURCE: Hunter Landscape 2022

FIGURE 2-9

Conceptual Landscape Plan

Alice and Willow Avenue Warehouse Project

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SOURCE: NAIP 2020, Open Street Maps 2019

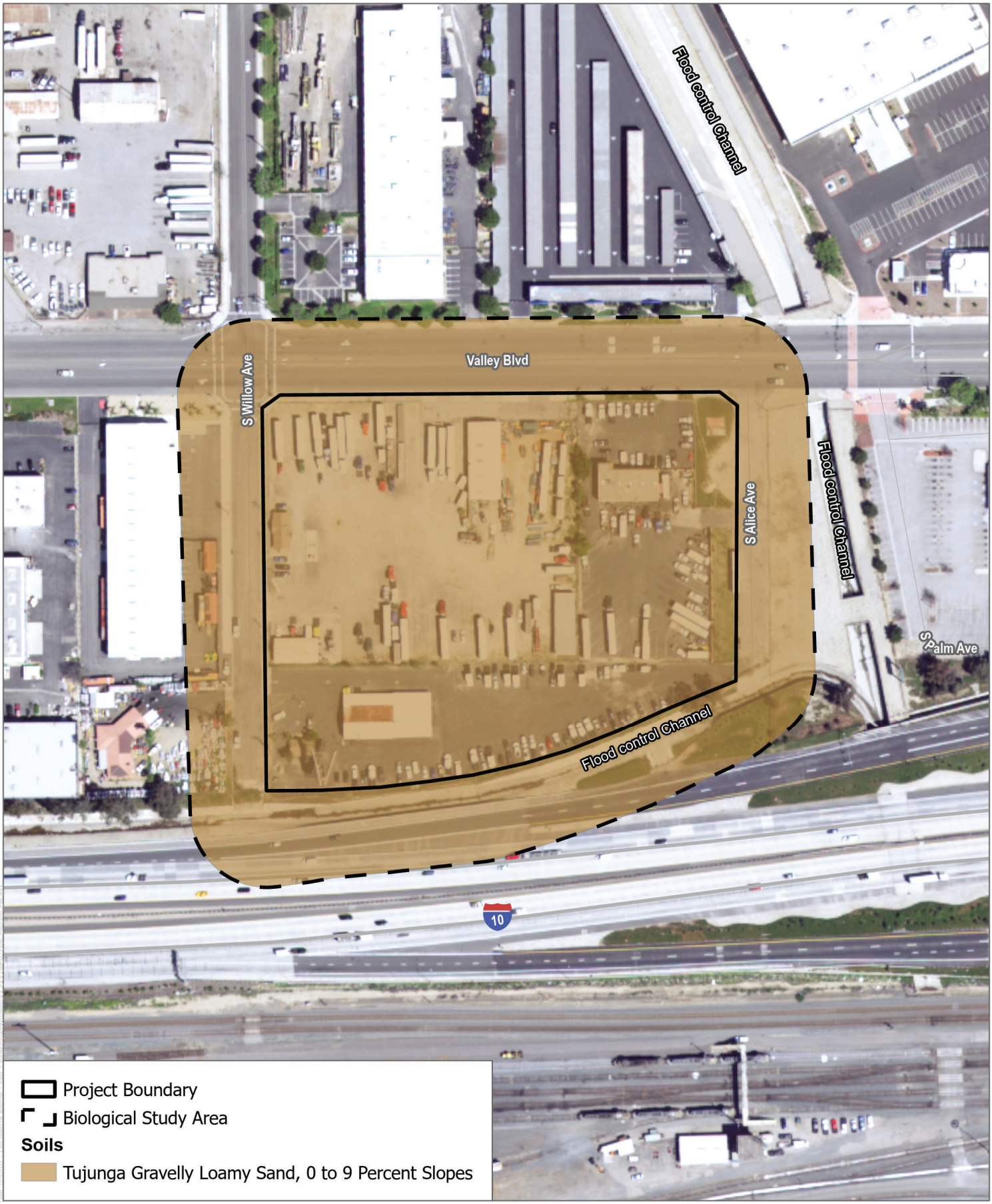
FIGURE 3.4-1

DUDEK 0 50 100 Feet

Vegetation Communities within the Study Area

Alice and Willow Avenue Warehouse Project

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SOURCE: NAIP 2020, Open Street Maps 2019, USDA

DUDEK

0 50 100 Feet

FIGURE 3.4-2

Soil Type within the Study Area

Alice and Willow Avenue Warehouse Project

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SOURCE: NAIP 2020, Open Street Maps 2019

DUDEK

0 155 310 Feet

FIGURE 3.13-1

Noise Measurement and Modeling Locations

Alice and Willow Avenue Warehouse Project

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Appendix A-1

Emissions Calculations and CalEEMod Outputs

Alice Ave Warehouse Project - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Alice Ave Warehouse Project

San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	54.48	1000sqft	1.25	54,480.00	0
Unrefrigerated Warehouse-Rail	81.72	1000sqft	1.88	81,720.00	0
Parking Lot	67.60	1000sqft	1.55	67,600.00	0
City Park	1.43	Acre	1.43	62,173.19	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	32
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project-specific information.

Land Use - Paved space calculated by subtracting warehouse space and lanscaping from site total. Rail WH represents passenger vehicles, no rail WH represents trucks.

Construction Phase - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Trips and VMT - Assuming even worker trips and four haul trips per phase. All values are based on CalEEMod defaults.

On-road Fugitive Dust - CalEEMod default values.

Demolition - Project-specific information estimated using google earth. Need to ask about demolishing asphalt.

Grading - Net import calculated using cut and fill values on grading plan.

Architectural Coating - CalEEMod default values.

Vehicle Trips - Removed trips for "city park," which represents landscaping. Changed trip rate to the correct WH option. Assuming 40 mile trip length for trucks and 16.6 for passenger vehicles. Assuming 100% primary truck trips.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Road Dust - CalEEMod default values.

Woodstoves - CalEEMod default values.

Consumer Products - CalEEMod default values.

Area Coating - CalEEMod default values.

Landscape Equipment - CalEEMod default values.

Energy Use - CalEEMod default values.

Water And Wastewater - CalEEMod default values.

Solid Waste - CalEEMod default values.

Land Use Change - CalEEMod default values.

Alice Ave Warehouse Project - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Sequestration - CalEEMod default values.

Construction Off-road Equipment Mitigation - CalEEMod default values. Assuming site is watered twice per day.

Mobile Land Use Mitigation - CalEEMod default values.

Mobile Commute Mitigation - CalEEMod default values.

Area Mitigation - CalEEMod default values.

Energy Mitigation - CalEEMod default values.

Water Mitigation - CalEEMod default values.

Waste Mitigation - CalEEMod default values.

Operational Off-Road Equipment - Other Material Handling Equipment represents a yard truck. Forklift and yard truck volumes calculated in accompanying spreadsheet.

Fleet Mix - Adjusted to match excel sheet fleet mix calculations.

Stationary Sources - Emergency Generators and Fire Pumps - CalEEMod default values.

Stationary Sources - Process Boilers - CalEEMod default values.

Stationary Sources - User Defined - CalEEMod default values.

Stationary Sources - Emergency Generators and Fire Pumps EF - CalEEMod default values.

Stationary Sources - Process Boilers EF - CalEEMod default values.

Table Name	Column Name	Default Value	New Value
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tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	0.70
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.07

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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tblFleetMix	LHD2	7.0090e-003	0.05
tblFleetMix	LHD2	7.0090e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MHD	0.01	0.08
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblGrading	MaterialImported	0.00	3,774.00
tblLandUse	LandUseSquareFeet	62,290.80	62,173.19
tblOperationalOffRoadEquipment	OperHorsePower	168.00	200.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	16.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblTripsAndVMT	HaulingTripNumber	105.00	106.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
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tblVehicleTrips	CNW_TL	6.90	40.00
tblVehicleTrips	CNW_TL	6.90	16.60
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	1.74	1.71
tblVehicleTrips	WD_TR	1.74	1.71

2.0 Emissions Summary

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.2540	2.1794	2.6007	5.8300e-003	0.3503	0.0902	0.4406	0.1323	0.0845	0.2168	0.0000	521.0762	521.0762	0.0867	0.0172	528.3831
2025	0.6706	0.2300	0.3544	7.0000e-004	0.0182	9.6400e-003	0.0279	4.9100e-003	9.0100e-003	0.0139	0.0000	62.4776	62.4776	0.0120	1.4600e-003	63.2130
Maximum	**0.6706**	**2.1794**	**2.6007**	**5.8300e-003**	**0.3503**	**0.0902**	**0.4406**	**0.1323**	**0.0845**	**0.2168**	**0.0000**	**521.0762**	**521.0762**	**0.0867**	**0.0172**	**528.3831**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.2540	2.1794	2.6007	5.8300e-003	0.2510	0.0902	0.3412	0.0847	0.0845	0.1692	0.0000	521.0758	521.0758	0.0867	0.0172	528.3827
2025	0.6706	0.2300	0.3544	7.0000e-004	0.0182	9.6400e-003	0.0279	4.9100e-003	9.0100e-003	0.0139	0.0000	62.4776	62.4776	0.0120	1.4600e-003	63.2129
Maximum	**0.6706**	**2.1794**	**2.6007**	**5.8300e-003**	**0.2510**	**0.0902**	**0.3412**	**0.0847**	**0.0845**	**0.1692**	**0.0000**	**521.0758**	**521.0758**	**0.0867**	**0.0172**	**528.3827**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**26.96**	**0.00**	**21.21**	**34.67**	**0.00**	**20.62**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2024**	**3-31-2024**	0.7323	0.7323
2	**4-1-2024**	**6-30-2024**	0.5578	0.5578
3	**7-1-2024**	**9-30-2024**	0.5639	0.5639
4	**10-1-2024**	**12-31-2024**	0.5666	0.5666
5	**1-1-2025**	**3-31-2025**	0.8939	0.8939
		Highest	0.8939	0.8939

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5614	2.0000e-005	2.6100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.0900e-003	5.0900e-003	1.0000e-005	0.0000	5.4200e-003
Energy	1.4800e-003	0.0134	0.0113	8.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	74.8433	74.8433	5.3600e-003	8.8000e-004	75.2409
Mobile	0.0944	3.0351	1.4554	0.0177	0.8795	0.0323	0.9118	0.2413	0.0308	0.2721	0.0000	1,718.4227	1,718.4227	0.0577	0.2265	1,787.3605
Offroad	0.2174	2.0279	2.5778	4.0700e-003		0.1022	0.1022		0.0940	0.0940	0.0000	357.7801	357.7801	0.1157	0.0000	360.6729
Waste						0.0000	0.0000		0.0000	0.0000	26.0133	0.0000	26.0133	1.5373	0.0000	64.4468
Water						0.0000	0.0000		0.0000	0.0000	9.9923	76.0887	86.0810	1.0327	0.0250	119.3527
Total	**0.8747**	**5.0765**	**4.0471**	**0.0218**	**0.8795**	**0.1354**	**1.0150**	**0.2413**	**0.1258**	**0.3671**	**36.0056**	**2,227.1400**	**2,263.1456**	**2.7488**	**0.2524**	**2,407.0793**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5614	2.0000e-005	2.6100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.0900e-003	5.0900e-003	1.0000e-005	0.0000	5.4200e-003
Energy	1.4800e-003	0.0134	0.0113	8.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	74.8433	74.8433	5.3600e-003	8.8000e-004	75.2409
Mobile	0.0944	3.0351	1.4554	0.0177	0.8795	0.0323	0.9118	0.2413	0.0308	0.2721	0.0000	1,718.4227	1,718.4227	0.0577	0.2265	1,787.3605
Offroad	0.2174	2.0279	2.5778	4.0700e-003		0.1022	0.1022		0.0940	0.0940	0.0000	357.7801	357.7801	0.1157	0.0000	360.6729
Waste						0.0000	0.0000		0.0000	0.0000	26.0133	0.0000	26.0133	1.5373	0.0000	64.4468
Water						0.0000	0.0000		0.0000	0.0000	9.9923	76.0887	86.0810	1.0327	0.0250	119.3527
Total	**0.8747**	**5.0765**	**4.0471**	**0.0218**	**0.8795**	**0.1354**	**1.0150**	**0.2413**	**0.1258**	**0.3671**	**36.0056**	**2,227.1400**	**2,263.1456**	**2.7488**	**0.2524**	**2,407.0793**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	1/26/2024	5	20	
2	Site Preparation	Site Preparation	1/27/2024	2/9/2024	5	10	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3	Grading	Grading	2/10/2024	3/8/2024	5	20	
4	Building Construction	Building Construction	3/9/2024	1/24/2025	5	230	
5	Paving	Paving	1/25/2025	2/21/2025	5	20	
6	Architectural Coating	Architectural Coating	2/22/2025	3/21/2025	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 20

Acres of Paving: 1.55

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 204,300; Non-Residential Outdoor: 68,100; Striped Parking Area: 4,056 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	4.00	106.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	4.00	472.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	112.00	44.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	22.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0113	0.0000	0.0113	1.7100e-003	0.0000	1.7100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0224	0.2088	0.1971	3.9000e-004		9.6000e-003	9.6000e-003		8.9200e-003	8.9200e-003	0.0000	33.9961	33.9961	9.5100e-003	0.0000	34.2338
Total	**0.0224**	**0.2088**	**0.1971**	**3.9000e-004**	**0.0113**	**9.6000e-003**	**0.0209**	**1.7100e-003**	**8.9200e-003**	**0.0106**	**0.0000**	**33.9961**	**33.9961**	**9.5100e-003**	**0.0000**	**34.2338**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	6.1900e-003	1.7900e-003	3.0000e-005	9.1000e-004	6.0000e-005	9.7000e-004	2.5000e-004	6.0000e-005	3.1000e-004	0.0000	2.8941	2.8941	1.2000e-004	4.6000e-004	3.0338
Vendor	4.0000e-005	1.4900e-003	5.9000e-004	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.6875	0.6875	2.0000e-005	1.0000e-004	0.7183
Worker	5.2000e-004	3.7000e-004	4.8300e-003	1.0000e-005	1.7500e-003	1.0000e-005	1.7600e-003	4.7000e-004	1.0000e-005	4.7000e-004	0.0000	1.3139	1.3139	3.0000e-005	3.0000e-005	1.3250
Total	**6.8000e-004**	**8.0500e-003**	**7.2100e-003**	**5.0000e-005**	**2.9100e-003**	**8.0000e-005**	**2.9900e-003**	**7.9000e-004**	**8.0000e-005**	**8.6000e-004**	**0.0000**	**4.8956**	**4.8956**	**1.7000e-004**	**5.9000e-004**	**5.0771**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.0900e-003	0.0000	5.0900e-003	7.7000e-004	0.0000	7.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0224	0.2088	0.1971	3.9000e-004		9.6000e-003	9.6000e-003		8.9200e-003	8.9200e-003	0.0000	33.9960	33.9960	9.5100e-003	0.0000	34.2338
Total	**0.0224**	**0.2088**	**0.1971**	**3.9000e-004**	**5.0900e-003**	**9.6000e-003**	**0.0147**	**7.7000e-004**	**8.9200e-003**	**9.6900e-003**	**0.0000**	**33.9960**	**33.9960**	**9.5100e-003**	**0.0000**	**34.2338**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	6.1900e-003	1.7900e-003	3.0000e-005	9.1000e-004	6.0000e-005	9.7000e-004	2.5000e-004	6.0000e-005	3.1000e-004	0.0000	2.8941	2.8941	1.2000e-004	4.6000e-004	3.0338
Vendor	4.0000e-005	1.4900e-003	5.9000e-004	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.6875	0.6875	2.0000e-005	1.0000e-004	0.7183
Worker	5.2000e-004	3.7000e-004	4.8300e-003	1.0000e-005	1.7500e-003	1.0000e-005	1.7600e-003	4.7000e-004	1.0000e-005	4.7000e-004	0.0000	1.3139	1.3139	3.0000e-005	3.0000e-005	1.3250
Total	**6.8000e-004**	**8.0500e-003**	**7.2100e-003**	**5.0000e-005**	**2.9100e-003**	**8.0000e-005**	**2.9900e-003**	**7.9000e-004**	**8.0000e-005**	**8.6000e-004**	**0.0000**	**4.8956**	**4.8956**	**1.7000e-004**	**5.9000e-004**	**5.0771**

3.3 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004		6.1500e-003	6.1500e-003		5.6600e-003	5.6600e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
Total	**0.0133**	**0.1359**	**0.0917**	**1.9000e-004**	**0.0983**	**6.1500e-003**	**0.1044**	**0.0505**	**5.6600e-003**	**0.0562**	**0.0000**	**16.7285**	**16.7285**	**5.4100e-003**	**0.0000**	**16.8638**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	7.4000e-004	2.9000e-004	0.0000	1.3000e-004	1.0000e-005	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.3438	0.3438	1.0000e-005	5.0000e-005	0.3591
Worker	2.9000e-004	2.1000e-004	2.7200e-003	1.0000e-005	9.9000e-004	0.0000	9.9000e-004	2.6000e-004	0.0000	2.7000e-004	0.0000	0.7391	0.7391	2.0000e-005	2.0000e-005	0.7453
Total	**3.1000e-004**	**9.5000e-004**	**3.0100e-003**	**1.0000e-005**	**1.1200e-003**	**1.0000e-005**	**1.1200e-003**	**3.0000e-004**	**0.0000**	**3.1000e-004**	**0.0000**	**1.0829**	**1.0829**	**3.0000e-005**	**7.0000e-005**	**1.1044**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0442	0.0000	0.0442	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004		6.1500e-003	6.1500e-003		5.6500e-003	5.6500e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
Total	**0.0133**	**0.1359**	**0.0917**	**1.9000e-004**	**0.0442**	**6.1500e-003**	**0.0504**	**0.0227**	**5.6500e-003**	**0.0284**	**0.0000**	**16.7285**	**16.7285**	**5.4100e-003**	**0.0000**	**16.8638**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	7.4000e-004	2.9000e-004	0.0000	1.3000e-004	1.0000e-005	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.3438	0.3438	1.0000e-005	5.0000e-005	0.3591
Worker	2.9000e-004	2.1000e-004	2.7200e-003	1.0000e-005	9.9000e-004	0.0000	9.9000e-004	2.6000e-004	0.0000	2.7000e-004	0.0000	0.7391	0.7391	2.0000e-005	2.0000e-005	0.7453
Total	**3.1000e-004**	**9.5000e-004**	**3.0100e-003**	**1.0000e-005**	**1.1200e-003**	**1.0000e-005**	**1.1200e-003**	**3.0000e-004**	**0.0000**	**3.1000e-004**	**0.0000**	**1.0829**	**1.0829**	**3.0000e-005**	**7.0000e-005**	**1.1044**

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0710	0.0000	0.0710	0.0343	0.0000	0.0343	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0166	0.1703	0.1476	3.0000e-004		7.2400e-003	7.2400e-003		6.6600e-003	6.6600e-003	0.0000	26.0639	26.0639	8.4300e-003	0.0000	26.2747
Total	**0.0166**	**0.1703**	**0.1476**	**3.0000e-004**	**0.0710**	**7.2400e-003**	**0.0783**	**0.0343**	**6.6600e-003**	**0.0409**	**0.0000**	**26.0639**	**26.0639**	**8.4300e-003**	**0.0000**	**26.2747**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.5000e-004	0.0275	7.9800e-003	1.3000e-004	4.0600e-003	2.7000e-004	4.3300e-003	1.1200e-003	2.6000e-004	1.3700e-003	0.0000	12.8869	12.8869	5.4000e-004	2.0400e-003	13.5092
Vendor	4.0000e-005	1.4900e-003	5.9000e-004	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.6875	0.6875	2.0000e-005	1.0000e-004	0.7183
Worker	5.2000e-004	3.7000e-004	4.8300e-003	1.0000e-005	1.7500e-003	1.0000e-005	1.7600e-003	4.7000e-004	1.0000e-005	4.7000e-004	0.0000	1.3139	1.3139	3.0000e-005	3.0000e-005	1.3250
Total	**1.1100e-003**	**0.0294**	**0.0134**	**1.5000e-004**	**6.0600e-003**	**2.9000e-004**	**6.3500e-003**	**1.6600e-003**	**2.8000e-004**	**1.9200e-003**	**0.0000**	**14.8884**	**14.8884**	**5.9000e-004**	**2.1700e-003**	**15.5524**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0320	0.0000	0.0320	0.0154	0.0000	0.0154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0166	0.1703	0.1476	3.0000e-004		7.2400e-003	7.2400e-003		6.6600e-003	6.6600e-003	0.0000	26.0639	26.0639	8.4300e-003	0.0000	26.2746
Total	**0.0166**	**0.1703**	**0.1476**	**3.0000e-004**	**0.0320**	**7.2400e-003**	**0.0392**	**0.0154**	**6.6600e-003**	**0.0221**	**0.0000**	**26.0639**	**26.0639**	**8.4300e-003**	**0.0000**	**26.2746**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.5000e-004	0.0275	7.9800e-003	1.3000e-004	4.0600e-003	2.7000e-004	4.3300e-003	1.1200e-003	2.6000e-004	1.3700e-003	0.0000	12.8869	12.8869	5.4000e-004	2.0400e-003	13.5092
Vendor	4.0000e-005	1.4900e-003	5.9000e-004	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.6875	0.6875	2.0000e-005	1.0000e-004	0.7183
Worker	5.2000e-004	3.7000e-004	4.8300e-003	1.0000e-005	1.7500e-003	1.0000e-005	1.7600e-003	4.7000e-004	1.0000e-005	4.7000e-004	0.0000	1.3139	1.3139	3.0000e-005	3.0000e-005	1.3250
Total	**1.1100e-003**	**0.0294**	**0.0134**	**1.5000e-004**	**6.0600e-003**	**2.9000e-004**	**6.3500e-003**	**1.6600e-003**	**2.8000e-004**	**1.9200e-003**	**0.0000**	**14.8884**	**14.8884**	**5.9000e-004**	**2.1700e-003**	**15.5524**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1560	1.4250	1.7137	2.8600e-003		0.0650	0.0650		0.0612	0.0612	0.0000	245.7601	245.7601	0.0581	0.0000	247.2129
Total	**0.1560**	**1.4250**	**1.7137**	**2.8600e-003**		**0.0650**	**0.0650**		**0.0612**	**0.0612**	**0.0000**	**245.7601**	**245.7601**	**0.0581**	**0.0000**	**247.2129**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.1400e-003	0.1736	0.0685	8.2000e-004	0.0294	1.2100e-003	0.0306	8.4900e-003	1.1600e-003	9.6500e-003	0.0000	80.1665	80.1665	2.0500e-003	0.0118	83.7475
Worker	0.0384	0.0274	0.3585	1.0600e-003	0.1302	6.3000e-004	0.1308	0.0346	5.8000e-004	0.0352	0.0000	97.4944	97.4944	2.4200e-003	2.5600e-003	98.3164
Total	**0.0436**	**0.2010**	**0.4270**	**1.8800e-003**	**0.1596**	**1.8400e-003**	**0.1614**	**0.0431**	**1.7400e-003**	**0.0448**	**0.0000**	**177.6608**	**177.6608**	**4.4700e-003**	**0.0144**	**182.0639**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1560	1.4250	1.7137	2.8600e-003		0.0650	0.0650		0.0612	0.0612	0.0000	245.7598	245.7598	0.0581	0.0000	247.2126
Total	**0.1560**	**1.4250**	**1.7137**	**2.8600e-003**		**0.0650**	**0.0650**		**0.0612**	**0.0612**	**0.0000**	**245.7598**	**245.7598**	**0.0581**	**0.0000**	**247.2126**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.1400e-003	0.1736	0.0685	8.2000e-004	0.0294	1.2100e-003	0.0306	8.4900e-003	1.1600e-003	9.6500e-003	0.0000	80.1665	80.1665	2.0500e-003	0.0118	83.7475
Worker	0.0384	0.0274	0.3585	1.0600e-003	0.1302	6.3000e-004	0.1308	0.0346	5.8000e-004	0.0352	0.0000	97.4944	97.4944	2.4200e-003	2.5600e-003	98.3164
Total	**0.0436**	**0.2010**	**0.4270**	**1.8800e-003**	**0.1596**	**1.8400e-003**	**0.1614**	**0.0431**	**1.7400e-003**	**0.0448**	**0.0000**	**177.6608**	**177.6608**	**4.4700e-003**	**0.0144**	**182.0639**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0123	0.1122	0.1448	2.4000e-004		4.7500e-003	4.7500e-003		4.4700e-003	4.4700e-003	0.0000	20.8728	20.8728	4.9100e-003	0.0000	20.9954
Total	**0.0123**	**0.1122**	**0.1448**	**2.4000e-004**		**4.7500e-003**	**4.7500e-003**		**4.4700e-003**	**4.4700e-003**	**0.0000**	**20.8728**	**20.8728**	**4.9100e-003**	**0.0000**	**20.9954**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3000e-004	0.0147	5.7300e-003	7.0000e-005	2.5000e-003	1.0000e-004	2.6000e-003	7.2000e-004	1.0000e-004	8.2000e-004	0.0000	6.6743	6.6743	1.7000e-004	9.9000e-004	6.9723
Worker	3.0400e-003	2.0700e-003	0.0282	9.0000e-005	0.0111	5.0000e-005	0.0111	2.9400e-003	5.0000e-005	2.9800e-003	0.0000	7.9955	7.9955	1.9000e-004	2.0000e-004	8.0603
Total	**3.4700e-003**	**0.0167**	**0.0340**	**1.6000e-004**	**0.0136**	**1.5000e-004**	**0.0137**	**3.6600e-003**	**1.5000e-004**	**3.8000e-003**	**0.0000**	**14.6698**	**14.6698**	**3.6000e-004**	**1.1900e-003**	**15.0325**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0123	0.1122	0.1448	2.4000e-004		4.7500e-003	4.7500e-003		4.4700e-003	4.4700e-003	0.0000	20.8727	20.8727	4.9100e-003	0.0000	20.9954
Total	**0.0123**	**0.1122**	**0.1448**	**2.4000e-004**		**4.7500e-003**	**4.7500e-003**		**4.4700e-003**	**4.4700e-003**	**0.0000**	**20.8727**	**20.8727**	**4.9100e-003**	**0.0000**	**20.9954**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3000e-004	0.0147	5.7300e-003	7.0000e-005	2.5000e-003	1.0000e-004	2.6000e-003	7.2000e-004	1.0000e-004	8.2000e-004	0.0000	6.6743	6.6743	1.7000e-004	9.9000e-004	6.9723
Worker	3.0400e-003	2.0700e-003	0.0282	9.0000e-005	0.0111	5.0000e-005	0.0111	2.9400e-003	5.0000e-005	2.9800e-003	0.0000	7.9955	7.9955	1.9000e-004	2.0000e-004	8.0603
Total	**3.4700e-003**	**0.0167**	**0.0340**	**1.6000e-004**	**0.0136**	**1.5000e-004**	**0.0137**	**3.6600e-003**	**1.5000e-004**	**3.8000e-003**	**0.0000**	**14.6698**	**14.6698**	**3.6000e-004**	**1.1900e-003**	**15.0325**

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0193	20.0193	6.4700e-003	0.0000	20.1811
Paving	2.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0112**	**0.0858**	**0.1458**	**2.3000e-004**		**4.1900e-003**	**4.1900e-003**		**3.8500e-003**	**3.8500e-003**	**0.0000**	**20.0193**	**20.0193**	**6.4700e-003**	**0.0000**	**20.1811**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4800e-003	5.8000e-004	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.6742	0.6742	2.0000e-005	1.0000e-004	0.7043
Worker	4.8000e-004	3.3000e-004	4.4800e-003	1.0000e-005	1.7500e-003	1.0000e-005	1.7600e-003	4.7000e-004	1.0000e-005	4.7000e-004	0.0000	1.2691	1.2691	3.0000e-005	3.0000e-005	1.2794
Total	**5.2000e-004**	**1.8100e-003**	**5.0600e-003**	**2.0000e-005**	**2.0000e-003**	**2.0000e-005**	**2.0200e-003**	**5.4000e-004**	**2.0000e-005**	**5.5000e-004**	**0.0000**	**1.9433**	**1.9433**	**5.0000e-005**	**1.3000e-004**	**1.9837**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0192	20.0192	6.4700e-003	0.0000	20.1811
Paving	2.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0112**	**0.0858**	**0.1458**	**2.3000e-004**		**4.1900e-003**	**4.1900e-003**		**3.8500e-003**	**3.8500e-003**	**0.0000**	**20.0192**	**20.0192**	**6.4700e-003**	**0.0000**	**20.1811**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4800e-003	5.8000e-004	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.6742	0.6742	2.0000e-005	1.0000e-004	0.7043
Worker	4.8000e-004	3.3000e-004	4.4800e-003	1.0000e-005	1.7500e-003	1.0000e-005	1.7600e-003	4.7000e-004	1.0000e-005	4.7000e-004	0.0000	1.2691	1.2691	3.0000e-005	3.0000e-005	1.2794
Total	**5.2000e-004**	**1.8100e-003**	**5.0600e-003**	**2.0000e-005**	**2.0000e-003**	**2.0000e-005**	**2.0200e-003**	**5.4000e-004**	**2.0000e-005**	**5.5000e-004**	**0.0000**	**1.9433**	**1.9433**	**5.0000e-005**	**1.3000e-004**	**1.9837**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6407					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
Total	**0.6424**	**0.0115**	**0.0181**	**3.0000e-005**		**5.2000e-004**	**5.2000e-004**		**5.2000e-004**	**5.2000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.4000e-004**	**0.0000**	**2.5567**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4800e-003	5.8000e-004	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.6742	0.6742	2.0000e-005	1.0000e-004	0.7043
Worker	6.6000e-004	4.5000e-004	6.1600e-003	2.0000e-005	2.4100e-003	1.0000e-005	2.4200e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.7451	1.7451	4.0000e-005	4.0000e-005	1.7592
Total	**7.0000e-004**	**1.9300e-003**	**6.7400e-003**	**3.0000e-005**	**2.6600e-003**	**2.0000e-005**	**2.6800e-003**	**7.1000e-004**	**2.0000e-005**	**7.3000e-004**	**0.0000**	**2.4192**	**2.4192**	**6.0000e-005**	**1.4000e-004**	**2.4635**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6407					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
Total	**0.6424**	**0.0115**	**0.0181**	**3.0000e-005**		**5.2000e-004**	**5.2000e-004**		**5.2000e-004**	**5.2000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.4000e-004**	**0.0000**	**2.5567**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4800e-003	5.8000e-004	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.6742	0.6742	2.0000e-005	1.0000e-004	0.7043
Worker	6.6000e-004	4.5000e-004	6.1600e-003	2.0000e-005	2.4100e-003	1.0000e-005	2.4200e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.7451	1.7451	4.0000e-005	4.0000e-005	1.7592
Total	**7.0000e-004**	**1.9300e-003**	**6.7400e-003**	**3.0000e-005**	**2.6600e-003**	**2.0000e-005**	**2.6800e-003**	**7.1000e-004**	**2.0000e-005**	**7.3000e-004**	**0.0000**	**2.4192**	**2.4192**	**6.0000e-005**	**1.4000e-004**	**2.4635**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Alice Ave Warehouse Project - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0944	3.0351	1.4554	0.0177	0.8795	0.0323	0.9118	0.2413	0.0308	0.2721	0.0000	1,718.4227	1,718.4227	0.0577	0.2265	1,787.3605
Unmitigated	0.0944	3.0351	1.4554	0.0177	0.8795	0.0323	0.9118	0.2413	0.0308	0.2721	0.0000	1,718.4227	1,718.4227	0.0577	0.2265	1,787.3605

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	93.16	93.16	93.16	1,356,421	1,356,421
Unrefrigerated Warehouse-Rail	139.74	139.74	139.74	787,530	787,530
Total	232.90	232.90	232.90	2,143,951	2,143,951

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	40.00	40.00	40.00	59.00	0.00	41.00	100	0	0
Unrefrigerated Warehouse-Rail	16.60	16.60	16.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Parking Lot	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.175000	0.047000	0.078000	0.700000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.703000	0.073000	0.224000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	60.2344	60.2344	5.0800e-003	6.2000e-004	60.5451
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	60.2344	60.2344	5.0800e-003	6.2000e-004	60.5451
NaturalGas Mitigated	1.4800e-003	0.0134	0.0113	8.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	14.6090	14.6090	2.8000e-004	2.7000e-004	14.6958
NaturalGas Unmitigated	1.4800e-003	0.0134	0.0113	8.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	14.6090	14.6090	2.8000e-004	2.7000e-004	14.6958

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	109505	5.9000e-004	5.3700e-003	4.5100e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	5.8436	5.8436	1.1000e-004	1.1000e-004	5.8783
Unrefrigerated Warehouse-Rail	164257	8.9000e-004	8.0500e-003	6.7600e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7654	8.7654	1.7000e-004	1.6000e-004	8.8175
Total		**1.4800e-003**	**0.0134**	**0.0113**	**8.0000e-005**		**1.0200e-003**	**1.0200e-003**		**1.0200e-003**	**1.0200e-003**	**0.0000**	**14.6090**	**14.6090**	**2.8000e-004**	**2.7000e-004**	**14.6958**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	109505	5.9000e-004	5.3700e-003	4.5100e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	5.8436	5.8436	1.1000e-004	1.1000e-004	5.8783
Unrefrigerated Warehouse-Rail	164257	8.9000e-004	8.0500e-003	6.7600e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7654	8.7654	1.7000e-004	1.6000e-004	8.8175
Total		**1.4800e-003**	**0.0134**	**0.0113**	**8.0000e-005**		**1.0200e-003**	**1.0200e-003**		**1.0200e-003**	**1.0200e-003**	**0.0000**	**14.6090**	**14.6090**	**2.8000e-004**	**2.7000e-004**	**14.6958**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	23660	4.1960	3.5000e-004	4.0000e-005	4.2176
Unrefrigerated Warehouse-No Rail	126394	22.4153	1.8900e-003	2.3000e-004	22.5310
Unrefrigerated Warehouse-Rail	189590	33.6230	2.8400e-003	3.4000e-004	33.7965
Total		**60.2344**	**5.0800e-003**	**6.1000e-004**	**60.5451**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	23660	4.1960	3.5000e-004	4.0000e-005	4.2176
Unrefrigerated Warehouse-No Rail	126394	22.4153	1.8900e-003	2.3000e-004	22.5310
Unrefrigerated Warehouse-Rail	189590	33.6230	2.8400e-003	3.4000e-004	33.7965
Total		**60.2344**	**5.0800e-003**	**6.1000e-004**	**60.5451**

6.0 Area Detail

6.1 Mitigation Measures Area

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5614	2.0000e-005	2.6100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.0900e-003	5.0900e-003	1.0000e-005	0.0000	5.4200e-003
Unmitigated	0.5614	2.0000e-005	2.6100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.0900e-003	5.0900e-003	1.0000e-005	0.0000	5.4200e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0641					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4971					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.4000e-004	2.0000e-005	2.6100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.0900e-003	5.0900e-003	1.0000e-005	0.0000	5.4200e-003
Total	**0.5614**	**2.0000e-005**	**2.6100e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**5.0900e-003**	**5.0900e-003**	**1.0000e-005**	**0.0000**	**5.4200e-003**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0641					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4971					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.4000e-004	2.0000e-005	2.6100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.0900e-003	5.0900e-003	1.0000e-005	0.0000	5.4200e-003
Total	**0.5614**	**2.0000e-005**	**2.6100e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**5.0900e-003**	**5.0900e-003**	**1.0000e-005**	**0.0000**	**5.4200e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	86.0810	1.0327	0.0250	119.3527
Unmitigated	86.0810	1.0327	0.0250	119.3527

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.70382	3.3571	2.8000e-004	3.0000e-005	3.3744
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	12.5985 / 0	33.0896	0.4130	9.9900e-003	46.3913
Unrefrigerated Warehouse-Rail	18.8977 / 0	49.6344	0.6195	0.0150	69.5870
Total		**86.0810**	**1.0327**	**0.0250**	**119.3527**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.70382	3.3571	2.8000e-004	3.0000e-005	3.3744
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	12.5985 / 0	33.0896	0.4130	9.9900e-003	46.3913
Unrefrigerated Warehouse-Rail	18.8977 / 0	49.6344	0.6195	0.0150	69.5870
Total		**86.0810**	**1.0327**	**0.0250**	**119.3527**

8.0 Waste Detail

8.1 Mitigation Measures Waste

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	26.0133	1.5373	0.0000	64.4468
Unmitigated	26.0133	1.5373	0.0000	64.4468

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.12	0.0244	1.4400e-003	0.0000	0.0604
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	51.21	10.3952	0.6143	0.0000	25.7536
Unrefrigerated Warehouse-Rail	76.82	15.5938	0.9216	0.0000	38.6329
Total		**26.0133**	**1.5374**	**0.0000**	**64.4468**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.12	0.0244	1.4400e-003	0.0000	0.0604
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	51.21	10.3952	0.6143	0.0000	25.7536
Unrefrigerated Warehouse-Rail	76.82	15.5938	0.9216	0.0000	38.6329
Total		**26.0133**	**1.5374**	**0.0000**	**64.4468**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	16	8.00	260	89	0.20	Diesel
Other Material Handling Equipment	1	8.00	260	200	0.40	Diesel

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Forklifts	0.1807	1.7026	2.3582	3.1800e-003		0.0911	0.0911		0.0839	0.0839	0.0000	279.3256	279.3256	0.0903	0.0000	281.5841
Other Material Handling Equipment	0.0366	0.3253	0.2196	8.9000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	78.4545	78.4545	0.0254	0.0000	79.0889
Total	**0.2174**	**2.0279**	**2.5778**	**4.0700e-003**		**0.1021**	**0.1021**		**0.0940**	**0.0940**	**0.0000**	**357.7801**	**357.7801**	**0.1157**	**0.0000**	**360.6729**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Alice Ave Warehouse Project

San Bernardino-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	54.48	1000sqft	1.25	54,480.00	0
Unrefrigerated Warehouse-Rail	81.72	1000sqft	1.88	81,720.00	0
Parking Lot	67.60	1000sqft	1.55	67,600.00	0
City Park	1.43	Acre	1.43	62,173.19	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	32
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project-specific information.

Land Use - Paved space calculated by subtracting warehouse space and lanscaping from site total. Rail WH represents passenger vehicles, no rail WH represents trucks.

Construction Phase - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Trips and VMT - Assuming even worker trips and four haul trips per phase. All values are based on CalEEMod defaults.

On-road Fugitive Dust - CalEEMod default values.

Demolition - Project-specific information estimated using google earth. Need to ask about demolishing asphalt.

Grading - Net import calculated using cut and fill values on grading plan.

Architectural Coating - CalEEMod default values.

Vehicle Trips - Removed trips for "city park," which represents landscaping. Changed trip rate to the correct WH option. Assuming 40 mile trip length for trucks and 16.6 for passenger vehicles. Assuming 100% primary truck trips.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Road Dust - CalEEMod default values.

Woodstoves - CalEEMod default values.

Consumer Products - CalEEMod default values.

Area Coating - CalEEMod default values.

Landscape Equipment - CalEEMod default values.

Energy Use - CalEEMod default values.

Water And Wastewater - CalEEMod default values.

Solid Waste - CalEEMod default values.

Land Use Change - CalEEMod default values.

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Sequestration - CalEEMod default values.

Construction Off-road Equipment Mitigation - CalEEMod default values. Assuming site is watered twice per day.

Mobile Land Use Mitigation - CalEEMod default values.

Mobile Commute Mitigation - CalEEMod default values.

Area Mitigation - CalEEMod default values.

Energy Mitigation - CalEEMod default values.

Water Mitigation - CalEEMod default values.

Waste Mitigation - CalEEMod default values.

Operational Off-Road Equipment - Other Material Handling Equipment represents a yard truck. Forklift and yard truck volumes calculated in accompanying spreadsheet.

Fleet Mix - Adjusted to match excel sheet fleet mix calculations.

Stationary Sources - Emergency Generators and Fire Pumps - CalEEMod default values.

Stationary Sources - Process Boilers - CalEEMod default values.

Stationary Sources - User Defined - CalEEMod default values.

Stationary Sources - Emergency Generators and Fire Pumps EF - CalEEMod default values.

Stationary Sources - Process Boilers EF - CalEEMod default values.

Table Name	Column Name	Default Value	New Value
tblFleetMix	HHD	0.02	0.70
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	0.70
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.07

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.22
tblFleetMix	LHD1	0.03	0.18
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.0090e-003	0.05
tblFleetMix	LHD2	7.0090e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MHD	0.01	0.08
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblGrading	MaterialImported	0.00	3,774.00
tblLandUse	LandUseSquareFeet	62,290.80	62,173.19
tblOperationalOffRoadEquipment	OperHorsePower	168.00	200.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	16.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblTripsAndVMT	HaulingTripNumber	105.00	106.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	CC_TL	8.40	40.00
tblVehicleTrips	CC_TL	8.40	16.60
tblVehicleTrips	CNW_TL	6.90	40.00
tblVehicleTrips	CNW_TL	6.90	16.60
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	1.74	1.71
tblVehicleTrips	WD_TR	1.74	1.71

2.0 Emissions Summary

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.7308	27.3552	20.7197	0.0456	19.8838	1.2313	21.1152	10.1632	1.1329	11.2961	0.0000	4,525.1275	4,525.1275	1.1987	0.2398	4,621.4372
2025	64.3183	14.2265	20.3390	0.0451	1.5338	0.5446	2.0784	0.4132	0.5123	0.9255	0.0000	4,432.5821	4,432.5821	0.7188	0.1437	4,491.5118
Maximum	**64.3183**	**27.3552**	**20.7197**	**0.0456**	**19.8838**	**1.2313**	**21.1152**	**10.1632**	**1.1329**	**11.2961**	**0.0000**	**4,525.1275**	**4,525.1275**	**1.1987**	**0.2398**	**4,621.4372**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.7308	27.3552	20.7197	0.0456	9.0725	1.2313	10.3038	4.6068	1.1329	5.7397	0.0000	4,525.1275	4,525.1275	1.1987	0.2398	4,621.4371
2025	64.3183	14.2265	20.3390	0.0451	1.5338	0.5446	2.0784	0.4132	0.5123	0.9255	0.0000	4,432.5821	4,432.5821	0.7188	0.1437	4,491.5118
Maximum	**64.3183**	**27.3552**	**20.7197**	**0.0456**	**9.0725**	**1.2313**	**10.3038**	**4.6068**	**1.1329**	**5.7397**	**0.0000**	**4,525.1275**	**4,525.1275**	**1.1987**	**0.2398**	**4,621.4371**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**50.48**	**0.00**	**46.61**	**52.54**	**0.00**	**45.46**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Energy	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
Mobile	0.5643	15.7369	8.5694	0.0983	4.9179	0.1774	5.0953	1.3466	0.1695	1.5160		10,521.8333	10,521.8333	0.3496	1.3702	10,938.9023
Offroad	1.6720	15.5990	19.8293	0.0313		0.7858	0.7858		0.7229	0.7229	0.0000	3,033.7348	3,033.7348	0.9812		3,058.2641
Total	**5.3213**	**31.4096**	**28.4814**	**0.1301**	**4.9179**	**0.9689**	**5.8867**	**1.3466**	**0.8980**	**2.2446**	**0.0000**	**13,643.8522**	**13,643.8522**	**1.3326**	**1.3719**	**14,085.9778**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Energy	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
Mobile	0.5643	15.7369	8.5694	0.0983	4.9179	0.1774	5.0953	1.3466	0.1695	1.5160		10,521.8333	10,521.8333	0.3496	1.3702	10,938.9023
Offroad	1.6720	15.5990	19.8293	0.0313		0.7858	0.7858		0.7229	0.7229	0.0000	3,033.7348	3,033.7348	0.9812		3,058.2641
Total	**5.3213**	**31.4096**	**28.4814**	**0.1301**	**4.9179**	**0.9689**	**5.8867**	**1.3466**	**0.8980**	**2.2446**	**0.0000**	**13,643.8522**	**13,643.8522**	**1.3326**	**1.3719**	**14,085.9778**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	1/26/2024	5	20	
2	Site Preparation	Site Preparation	1/27/2024	2/9/2024	5	10	
3	Grading	Grading	2/10/2024	3/8/2024	5	20	
4	Building Construction	Building Construction	3/9/2024	1/24/2025	5	230	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5	Paving	Paving	1/25/2025	2/21/2025	5	20	
6	Architectural Coating	Architectural Coating	2/22/2025	3/21/2025	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 20

Acres of Paving: 1.55

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 204,300; Non-Residential Outdoor: 68,100; Striped Parking Area: 4,056 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	4.00	106.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	4.00	472.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	112.00	44.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	22.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1320	0.0000	1.1320	0.1714	0.0000	0.1714			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**1.1320**	**0.9602**	**2.0922**	**0.1714**	**0.8922**	**1.0636**		**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0127	0.5849	0.1780	2.9300e-003	0.0928	6.0500e-003	0.0989	0.0255	5.7900e-003	0.0312		318.8159	318.8159	0.0134	0.0505	334.2105
Vendor	4.5700e-003	0.1416	0.0579	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	9.9000e-004	8.3700e-003		75.7098	75.7098	1.9500e-003	0.0112	79.0897
Worker	0.0581	0.0335	0.5594	1.5500e-003	0.1788	8.4000e-004	0.1797	0.0474	7.8000e-004	0.0482		156.7307	156.7307	3.5300e-003	3.5600e-003	157.8809
Total	**0.0753**	**0.7599**	**0.7953**	**5.1900e-003**	**0.2973**	**7.9300e-003**	**0.3052**	**0.0803**	**7.5600e-003**	**0.0878**		**551.2564**	**551.2564**	**0.0189**	**0.0653**	**571.1810**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5094	0.0000	0.5094	0.0771	0.0000	0.0771			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**0.5094**	**0.9602**	**1.4696**	**0.0771**	**0.8922**	**0.9693**	**0.0000**	**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0127	0.5849	0.1780	2.9300e-003	0.0928	6.0500e-003	0.0989	0.0255	5.7900e-003	0.0312		318.8159	318.8159	0.0134	0.0505	334.2105
Vendor	4.5700e-003	0.1416	0.0579	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	9.9000e-004	8.3700e-003		75.7098	75.7098	1.9500e-003	0.0112	79.0897
Worker	0.0581	0.0335	0.5594	1.5500e-003	0.1788	8.4000e-004	0.1797	0.0474	7.8000e-004	0.0482		156.7307	156.7307	3.5300e-003	3.5600e-003	157.8809
Total	**0.0753**	**0.7599**	**0.7953**	**5.1900e-003**	**0.2973**	**7.9300e-003**	**0.3052**	**0.0803**	**7.5600e-003**	**0.0878**		**551.2564**	**551.2564**	**0.0189**	**0.0653**	**571.1810**

3.3 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**19.6570**	**1.2294**	**20.8864**	**10.1025**	**1.1310**	**11.2335**		**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5700e-003	0.1416	0.0579	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	9.9000e-004	8.3700e-003		75.7098	75.7098	1.9500e-003	0.0112	79.0897
Worker	0.0653	0.0377	0.6294	1.7400e-003	0.2012	9.5000e-004	0.2022	0.0534	8.7000e-004	0.0542		176.3221	176.3221	3.9700e-003	4.0100e-003	177.6160
Total	**0.0699**	**0.1792**	**0.6873**	**2.4500e-003**	**0.2268**	**1.9900e-003**	**0.2288**	**0.0607**	**1.8600e-003**	**0.0626**		**252.0318**	**252.0318**	**5.9200e-003**	**0.0152**	**256.7057**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**8.8457**	**1.2294**	**10.0750**	**4.5461**	**1.1310**	**5.6771**	**0.0000**	**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5700e-003	0.1416	0.0579	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	9.9000e-004	8.3700e-003		75.7098	75.7098	1.9500e-003	0.0112	79.0897
Worker	0.0653	0.0377	0.6294	1.7400e-003	0.2012	9.5000e-004	0.2022	0.0534	8.7000e-004	0.0542		176.3221	176.3221	3.9700e-003	4.0100e-003	177.6160
Total	**0.0699**	**0.1792**	**0.6873**	**2.4500e-003**	**0.2268**	**1.9900e-003**	**0.2288**	**0.0607**	**1.8600e-003**	**0.0626**		**252.0318**	**252.0318**	**5.9200e-003**	**0.0152**	**256.7057**

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.1039	0.0000	7.1039	3.4280	0.0000	3.4280			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665		2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**7.1039**	**0.7244**	**7.8284**	**3.4280**	**0.6665**	**4.0944**		**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0564	2.6043	0.7926	0.0130	0.4133	0.0269	0.4402	0.1133	0.0258	0.1391		1,419.6330	1,419.6330	0.0599	0.2250	1,488.1824
Vendor	4.5700e-003	0.1416	0.0579	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	9.9000e-004	8.3700e-003		75.7098	75.7098	1.9500e-003	0.0112	79.0897
Worker	0.0581	0.0335	0.5594	1.5500e-003	0.1788	8.4000e-004	0.1797	0.0474	7.8000e-004	0.0482		156.7307	156.7307	3.5300e-003	3.5600e-003	157.8809
Total	**0.1190**	**2.7793**	**1.4099**	**0.0153**	**0.6177**	**0.0288**	**0.6466**	**0.1681**	**0.0276**	**0.1957**		**1,652.0735**	**1,652.0735**	**0.0653**	**0.2398**	**1,725.1530**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1968	0.0000	3.1968	1.5426	0.0000	1.5426			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665	0.0000	2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**3.1968**	**0.7244**	**3.9212**	**1.5426**	**0.6665**	**2.2091**	**0.0000**	**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0564	2.6043	0.7926	0.0130	0.4133	0.0269	0.4402	0.1133	0.0258	0.1391		1,419.6330	1,419.6330	0.0599	0.2250	1,488.1824
Vendor	4.5700e-003	0.1416	0.0579	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	9.9000e-004	8.3700e-003		75.7098	75.7098	1.9500e-003	0.0112	79.0897
Worker	0.0581	0.0335	0.5594	1.5500e-003	0.1788	8.4000e-004	0.1797	0.0474	7.8000e-004	0.0482		156.7307	156.7307	3.5300e-003	3.5600e-003	157.8809
Total	**0.1190**	**2.7793**	**1.4099**	**0.0153**	**0.6177**	**0.0288**	**0.6466**	**0.1681**	**0.0276**	**0.1957**		**1,652.0735**	**1,652.0735**	**0.0653**	**0.2398**	**1,725.1530**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0503	1.5571	0.6368	7.7700e-003	0.2819	0.0114	0.2933	0.0812	0.0109	0.0921		832.8072	832.8072	0.0214	0.1230	869.9863
Worker	0.4064	0.2343	3.9160	0.0109	1.2519	5.9100e-003	1.2578	0.3320	5.4400e-003	0.3375		1,097.1152	1,097.1152	0.0247	0.0249	1,105.1664
Total	**0.4567**	**1.7914**	**4.5528**	**0.0186**	**1.5338**	**0.0173**	**1.5511**	**0.4132**	**0.0164**	**0.4296**		**1,929.9224**	**1,929.9224**	**0.0461**	**0.1479**	**1,975.1528**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0503	1.5571	0.6368	7.7700e-003	0.2819	0.0114	0.2933	0.0812	0.0109	0.0921		832.8072	832.8072	0.0214	0.1230	869.9863
Worker	0.4064	0.2343	3.9160	0.0109	1.2519	5.9100e-003	1.2578	0.3320	5.4400e-003	0.3375		1,097.1152	1,097.1152	0.0247	0.0249	1,105.1664
Total	**0.4567**	**1.7914**	**4.5528**	**0.0186**	**1.5338**	**0.0173**	**1.5511**	**0.4132**	**0.0164**	**0.4296**		**1,929.9224**	**1,929.9224**	**0.0461**	**0.1479**	**1,975.1528**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0494	1.5478	0.6268	7.6200e-003	0.2819	0.0114	0.2933	0.0812	0.0109	0.0921		816.6163	816.6163	0.0208	0.1205	853.0475
Worker	0.3781	0.2090	3.6275	0.0105	1.2519	5.6100e-003	1.2575	0.3320	5.1700e-003	0.3372		1,059.4915	1,059.4915	0.0222	0.0232	1,066.9662
Total	**0.4274**	**1.7568**	**4.2544**	**0.0181**	**1.5338**	**0.0170**	**1.5508**	**0.4132**	**0.0161**	**0.4293**		**1,876.1078**	**1,876.1078**	**0.0430**	**0.1437**	**1,920.0137**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0494	1.5478	0.6268	7.6200e-003	0.2819	0.0114	0.2933	0.0812	0.0109	0.0921		816.6163	816.6163	0.0208	0.1205	853.0475
Worker	0.3781	0.2090	3.6275	0.0105	1.2519	5.6100e-003	1.2575	0.3320	5.1700e-003	0.3372		1,059.4915	1,059.4915	0.0222	0.0232	1,066.9662
Total	**0.4274**	**1.7568**	**4.2544**	**0.0181**	**1.5338**	**0.0170**	**1.5508**	**0.4132**	**0.0161**	**0.4293**		**1,876.1078**	**1,876.1078**	**0.0430**	**0.1437**	**1,920.0137**

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.2031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1182**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4900e-003	0.1407	0.0570	6.9000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	9.9000e-004	8.3700e-003		74.2378	74.2378	1.8900e-003	0.0110	77.5498
Worker	0.0540	0.0299	0.5182	1.5000e-003	0.1788	8.0000e-004	0.1796	0.0474	7.4000e-004	0.0482		151.3559	151.3559	3.1800e-003	3.3200e-003	152.4237
Total	**0.0585**	**0.1706**	**0.5752**	**2.1900e-003**	**0.2045**	**1.8400e-003**	**0.2063**	**0.0548**	**1.7300e-003**	**0.0565**		**225.5938**	**225.5938**	**5.0700e-003**	**0.0143**	**229.9735**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.2031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1182**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4900e-003	0.1407	0.0570	6.9000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	9.9000e-004	8.3700e-003		74.2378	74.2378	1.8900e-003	0.0110	77.5498
Worker	0.0540	0.0299	0.5182	1.5000e-003	0.1788	8.0000e-004	0.1796	0.0474	7.4000e-004	0.0482		151.3559	151.3559	3.1800e-003	3.3200e-003	152.4237
Total	**0.0585**	**0.1706**	**0.5752**	**2.1900e-003**	**0.2045**	**1.8400e-003**	**0.2063**	**0.0548**	**1.7300e-003**	**0.0565**		**225.5938**	**225.5938**	**5.0700e-003**	**0.0143**	**229.9735**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	64.0687					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**64.2395**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4900e-003	0.1407	0.0570	6.9000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	9.9000e-004	8.3700e-003		74.2378	74.2378	1.8900e-003	0.0110	77.5498
Worker	0.0743	0.0411	0.7126	2.0600e-003	0.2459	1.1000e-003	0.2470	0.0652	1.0100e-003	0.0662		208.1144	208.1144	4.3700e-003	4.5600e-003	209.5827
Total	**0.0788**	**0.1818**	**0.7695**	**2.7500e-003**	**0.2715**	**2.1400e-003**	**0.2737**	**0.0726**	**2.0000e-003**	**0.0746**		**282.3522**	**282.3522**	**6.2600e-003**	**0.0155**	**287.1324**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	64.0687					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**64.2395**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4900e-003	0.1407	0.0570	6.9000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	9.9000e-004	8.3700e-003		74.2378	74.2378	1.8900e-003	0.0110	77.5498
Worker	0.0743	0.0411	0.7126	2.0600e-003	0.2459	1.1000e-003	0.2470	0.0652	1.0100e-003	0.0662		208.1144	208.1144	4.3700e-003	4.5600e-003	209.5827
Total	**0.0788**	**0.1818**	**0.7695**	**2.7500e-003**	**0.2715**	**2.1400e-003**	**0.2737**	**0.0726**	**2.0000e-003**	**0.0746**		**282.3522**	**282.3522**	**6.2600e-003**	**0.0155**	**287.1324**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5643	15.7369	8.5694	0.0983	4.9179	0.1774	5.0953	1.3466	0.1695	1.5160		10,521.8333	10,521.8333	0.3496	1.3702	10,938.9023
Unmitigated	0.5643	15.7369	8.5694	0.0983	4.9179	0.1774	5.0953	1.3466	0.1695	1.5160		10,521.8333	10,521.8333	0.3496	1.3702	10,938.9023

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	93.16	93.16	93.16	1,356,421	1,356,421
Unrefrigerated Warehouse-Rail	139.74	139.74	139.74	787,530	787,530
Total	232.90	232.90	232.90	2,143,951	2,143,951

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	40.00	40.00	40.00	59.00	0.00	41.00	100	0	0
Unrefrigerated Warehouse-Rail	16.60	16.60	16.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Parking Lot	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.175000	0.047000	0.078000	0.700000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.703000	0.073000	0.224000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
NaturalGas Unmitigated	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	300.013	3.2400e-003	0.0294	0.0247	1.8000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003		35.2957	35.2957	6.8000e-004	6.5000e-004	35.5054
Unrefrigerated Warehouse-Rail	450.02	4.8500e-003	0.0441	0.0371	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.9435	52.9435	1.0100e-003	9.7000e-004	53.2581
Total		**8.0900e-003**	**0.0735**	**0.0618**	**4.4000e-004**		**5.5900e-003**	**5.5900e-003**		**5.5900e-003**	**5.5900e-003**		**88.2392**	**88.2392**	**1.6900e-003**	**1.6200e-003**	**88.7635**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.300013	3.2400e-003	0.0294	0.0247	1.8000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003		35.2957	35.2957	6.8000e-004	6.5000e-004	35.5054
Unrefrigerated Warehouse-Rail	0.45002	4.8500e-003	0.0441	0.0371	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.9435	52.9435	1.0100e-003	9.7000e-004	53.2581
Total		**8.0900e-003**	**0.0735**	**0.0618**	**4.4000e-004**		**5.5900e-003**	**5.5900e-003**		**5.5900e-003**	**5.5900e-003**		**88.2392**	**88.2392**	**1.6900e-003**	**1.6200e-003**	**88.7635**

6.0 Area Detail

6.1 Mitigation Measures Area

Alice Ave Warehouse Project - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Unmitigated	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9200e-003	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Total	**3.0769**	**1.9000e-004**	**0.0209**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0449**	**0.0449**	**1.2000e-004**		**0.0478**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9200e-003	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Total	**3.0769**	**1.9000e-004**	**0.0209**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0449**	**0.0449**	**1.2000e-004**		**0.0478**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	16	8.00	260	89	0.20	Diesel
Other Material Handling Equipment	1	8.00	260	200	0.40	Diesel

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Forklifts	1.3902	13.0966	18.1400	0.0245		0.7011	0.7011		0.6450	0.6450	0.0000	2,368.4933	2,368.4933	0.7660		2,387.6438
Other Material Handling Equipment	0.2818	2.5024	1.6893	6.8700e-003		0.0846	0.0846		0.0779	0.0779	0.0000	665.2415	665.2415	0.2152		670.6204
Total	**1.6720**	**15.5990**	**19.8293**	**0.0313**		**0.7858**	**0.7858**		**0.7229**	**0.7229**	**0.0000**	**3,033.7348**	**3,033.7348**	**0.9812**		**3,058.2641**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Alice Ave Warehouse Project

San Bernardino-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	54.48	1000sqft	1.25	54,480.00	0
Unrefrigerated Warehouse-Rail	81.72	1000sqft	1.88	81,720.00	0
Parking Lot	67.60	1000sqft	1.55	67,600.00	0
City Park	1.43	Acre	1.43	62,173.19	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	32
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project-specific information.

Land Use - Paved space calculated by subtracting warehouse space and lanscaping from site total. Rail WH represents passenger vehicles, no rail WH represents trucks.

Construction Phase - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Trips and VMT - Assuming even worker trips and four haul trips per phase. All values are based on CalEEMod defaults.

On-road Fugitive Dust - CalEEMod default values.

Demolition - Project-specific information estimated using google earth. Need to ask about demolishing asphalt.

Grading - Net import calculated using cut and fill values on grading plan.

Architectural Coating - CalEEMod default values.

Vehicle Trips - Removed trips for "city park," which represents landscaping. Changed trip rate to the correct WH option. Assuming 40 mile trip length for trucks and 16.6 for passenger vehicles. Assuming 100% primary truck trips.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Road Dust - CalEEMod default values.

Woodstoves - CalEEMod default values.

Consumer Products - CalEEMod default values.

Area Coating - CalEEMod default values.

Landscape Equipment - CalEEMod default values.

Energy Use - CalEEMod default values.

Water And Wastewater - CalEEMod default values.

Solid Waste - CalEEMod default values.

Land Use Change - CalEEMod default values.

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Sequestration - CalEEMod default values.

Construction Off-road Equipment Mitigation - CalEEMod default values. Assuming site is watered twice per day.

Mobile Land Use Mitigation - CalEEMod default values.

Mobile Commute Mitigation - CalEEMod default values.

Area Mitigation - CalEEMod default values.

Energy Mitigation - CalEEMod default values.

Water Mitigation - CalEEMod default values.

Waste Mitigation - CalEEMod default values.

Operational Off-Road Equipment - Other Material Handling Equipment represents a yard truck. Forklift and yard truck volumes calculated in accompanying spreadsheet.

Fleet Mix - Adjusted to match excel sheet fleet mix calculations.

Stationary Sources - Emergency Generators and Fire Pumps - CalEEMod default values.

Stationary Sources - Process Boilers - CalEEMod default values.

Stationary Sources - User Defined - CalEEMod default values.

Stationary Sources - Emergency Generators and Fire Pumps EF - CalEEMod default values.

Stationary Sources - Process Boilers EF - CalEEMod default values.

Table Name	Column Name	Default Value	New Value
tblFleetMix	HHD	0.02	0.70
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	0.70
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.07

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.22
tblFleetMix	LHD1	0.03	0.18
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.0090e-003	0.05
tblFleetMix	LHD2	7.0090e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MHD	0.01	0.08
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblGrading	MaterialImported	0.00	3,774.00
tblLandUse	LandUseSquareFeet	62,290.80	62,173.19
tblOperationalOffRoadEquipment	OperHorsePower	168.00	200.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	16.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblTripsAndVMT	HaulingTripNumber	105.00	106.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	CC_TL	8.40	40.00
tblVehicleTrips	CC_TL	8.40	16.60
tblVehicleTrips	CNW_TL	6.90	40.00
tblVehicleTrips	CNW_TL	6.90	16.60
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	1.74	1.71
tblVehicleTrips	WD_TR	1.74	1.71

2.0 Emissions Summary

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.7282	27.3651	20.4092	0.0448	19.8838	1.2313	21.1152	10.1632	1.1329	11.2961	0.0000	4,512.7662	4,512.7662	1.1987	0.2402	4,609.2161
2025	64.3156	14.3241	19.7240	0.0441	1.5338	0.5446	2.0784	0.4132	0.5124	0.9256	0.0000	4,335.4325	4,335.4325	0.7188	0.1448	4,394.6898
Maximum	**64.3156**	**27.3651**	**20.4092**	**0.0448**	**19.8838**	**1.2313**	**21.1152**	**10.1632**	**1.1329**	**11.2961**	**0.0000**	**4,512.7662**	**4,512.7662**	**1.1987**	**0.2402**	**4,609.2161**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.7282	27.3651	20.4092	0.0448	9.0725	1.2313	10.3038	4.6068	1.1329	5.7397	0.0000	4,512.7662	4,512.7662	1.1987	0.2402	4,609.2161
2025	64.3156	14.3241	19.7240	0.0441	1.5338	0.5446	2.0784	0.4132	0.5124	0.9256	0.0000	4,335.4325	4,335.4325	0.7188	0.1448	4,394.6898
Maximum	**64.3156**	**27.3651**	**20.4092**	**0.0448**	**9.0725**	**1.2313**	**10.3038**	**4.6068**	**1.1329**	**5.7397**	**0.0000**	**4,512.7662**	**4,512.7662**	**1.1987**	**0.2402**	**4,609.2161**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**50.48**	**0.00**	**46.61**	**52.54**	**0.00**	**45.46**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Energy	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
Mobile	0.5149	16.5272	7.8657	0.0971	4.9179	0.1776	5.0955	1.3466	0.1696	1.5162		10,399.1958	10,399.1958	0.3491	1.3728	10,817.0200
Offroad	1.6720	15.5990	19.8293	0.0313		0.7858	0.7858		0.7229	0.7229	0.0000	3,033.7348	3,033.7348	0.9812		3,058.2641
Total	**5.2719**	**32.1999**	**27.7777**	**0.1289**	**4.9179**	**0.9690**	**5.8869**	**1.3466**	**0.8981**	**2.2447**	**0.0000**	**13,521.2147**	**13,521.2147**	**1.3321**	**1.3744**	**13,964.0955**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Energy	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
Mobile	0.5149	16.5272	7.8657	0.0971	4.9179	0.1776	5.0955	1.3466	0.1696	1.5162		10,399.1958	10,399.1958	0.3491	1.3728	10,817.0200
Offroad	1.6720	15.5990	19.8293	0.0313		0.7858	0.7858		0.7229	0.7229	0.0000	3,033.7348	3,033.7348	0.9812		3,058.2641
Total	**5.2719**	**32.1999**	**27.7777**	**0.1289**	**4.9179**	**0.9690**	**5.8869**	**1.3466**	**0.8981**	**2.2447**	**0.0000**	**13,521.2147**	**13,521.2147**	**1.3321**	**1.3744**	**13,964.0955**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	1/26/2024	5	20	
2	Site Preparation	Site Preparation	1/27/2024	2/9/2024	5	10	
3	Grading	Grading	2/10/2024	3/8/2024	5	20	
4	Building Construction	Building Construction	3/9/2024	1/24/2025	5	230	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5	Paving	Paving	1/25/2025	2/21/2025	5	20	
6	Architectural Coating	Architectural Coating	2/22/2025	3/21/2025	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 20

Acres of Paving: 1.55

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 204,300; Non-Residential Outdoor: 68,100; Striped Parking Area: 4,056 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	4.00	106.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	4.00	472.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	112.00	44.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	22.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1320	0.0000	1.1320	0.1714	0.0000	0.1714			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**1.1320**	**0.9602**	**2.0922**	**0.1714**	**0.8922**	**1.0636**		**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0117	0.6165	0.1812	2.9300e-003	0.0928	6.0600e-003	0.0989	0.0255	5.8000e-003	0.0313		319.3005	319.3005	0.0134	0.0506	334.7167
Vendor	4.2500e-003	0.1495	0.0597	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	1.0000e-003	8.3800e-003		75.8948	75.8948	1.9300e-003	0.0112	79.2846
Worker	0.0561	0.0352	0.4610	1.4100e-003	0.1788	8.4000e-004	0.1797	0.0474	7.8000e-004	0.0482		142.0264	142.0264	3.5400e-003	3.6800e-003	143.2106
Total	**0.0720**	**0.8012**	**0.7018**	**5.0500e-003**	**0.2973**	**7.9400e-003**	**0.3052**	**0.0803**	**7.5800e-003**	**0.0878**		**537.2217**	**537.2217**	**0.0189**	**0.0655**	**557.2119**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5094	0.0000	0.5094	0.0771	0.0000	0.0771			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**0.5094**	**0.9602**	**1.4696**	**0.0771**	**0.8922**	**0.9693**	**0.0000**	**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0117	0.6165	0.1812	2.9300e-003	0.0928	6.0600e-003	0.0989	0.0255	5.8000e-003	0.0313		319.3005	319.3005	0.0134	0.0506	334.7167
Vendor	4.2500e-003	0.1495	0.0597	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	1.0000e-003	8.3800e-003		75.8948	75.8948	1.9300e-003	0.0112	79.2846
Worker	0.0561	0.0352	0.4610	1.4100e-003	0.1788	8.4000e-004	0.1797	0.0474	7.8000e-004	0.0482		142.0264	142.0264	3.5400e-003	3.6800e-003	143.2106
Total	**0.0720**	**0.8012**	**0.7018**	**5.0500e-003**	**0.2973**	**7.9400e-003**	**0.3052**	**0.0803**	**7.5800e-003**	**0.0878**		**537.2217**	**537.2217**	**0.0189**	**0.0655**	**557.2119**

3.3 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**19.6570**	**1.2294**	**20.8864**	**10.1025**	**1.1310**	**11.2335**		**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2500e-003	0.1495	0.0597	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	1.0000e-003	8.3800e-003		75.8948	75.8948	1.9300e-003	0.0112	79.2846
Worker	0.0631	0.0396	0.5186	1.5800e-003	0.2012	9.5000e-004	0.2022	0.0534	8.7000e-004	0.0542		159.7797	159.7797	3.9900e-003	4.1400e-003	161.1120
Total	**0.0673**	**0.1891**	**0.5783**	**2.2900e-003**	**0.2268**	**1.9900e-003**	**0.2288**	**0.0607**	**1.8700e-003**	**0.0626**		**235.6745**	**235.6745**	**5.9200e-003**	**0.0154**	**240.3965**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**8.8457**	**1.2294**	**10.0750**	**4.5461**	**1.1310**	**5.6771**	**0.0000**	**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2500e-003	0.1495	0.0597	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	1.0000e-003	8.3800e-003		75.8948	75.8948	1.9300e-003	0.0112	79.2846
Worker	0.0631	0.0396	0.5186	1.5800e-003	0.2012	9.5000e-004	0.2022	0.0534	8.7000e-004	0.0542		159.7797	159.7797	3.9900e-003	4.1400e-003	161.1120
Total	**0.0673**	**0.1891**	**0.5783**	**2.2900e-003**	**0.2268**	**1.9900e-003**	**0.2288**	**0.0607**	**1.8700e-003**	**0.0626**		**235.6745**	**235.6745**	**5.9200e-003**	**0.0154**	**240.3965**

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.1039	0.0000	7.1039	3.4280	0.0000	3.4280			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665		2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**7.1039**	**0.7244**	**7.8284**	**3.4280**	**0.6665**	**4.0944**		**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0521	2.7453	0.8068	0.0131	0.4133	0.0270	0.4403	0.1133	0.0258	0.1391		1,421.7909	1,421.7909	0.0596	0.2254	1,490.4368
Vendor	4.2500e-003	0.1495	0.0597	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	1.0000e-003	8.3800e-003		75.8948	75.8948	1.9300e-003	0.0112	79.2846
Worker	0.0561	0.0352	0.4610	1.4100e-003	0.1788	8.4000e-004	0.1797	0.0474	7.8000e-004	0.0482		142.0264	142.0264	3.5400e-003	3.6800e-003	143.2106
Total	**0.1124**	**2.9299**	**1.3275**	**0.0152**	**0.6177**	**0.0289**	**0.6466**	**0.1681**	**0.0276**	**0.1957**		**1,639.7121**	**1,639.7121**	**0.0651**	**0.2402**	**1,712.9320**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1968	0.0000	3.1968	1.5426	0.0000	1.5426			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665	0.0000	2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**3.1968**	**0.7244**	**3.9212**	**1.5426**	**0.6665**	**2.2091**	**0.0000**	**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0521	2.7453	0.8068	0.0131	0.4133	0.0270	0.4403	0.1133	0.0258	0.1391		1,421.7909	1,421.7909	0.0596	0.2254	1,490.4368
Vendor	4.2500e-003	0.1495	0.0597	7.1000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	1.0000e-003	8.3800e-003		75.8948	75.8948	1.9300e-003	0.0112	79.2846
Worker	0.0561	0.0352	0.4610	1.4100e-003	0.1788	8.4000e-004	0.1797	0.0474	7.8000e-004	0.0482		142.0264	142.0264	3.5400e-003	3.6800e-003	143.2106
Total	**0.1124**	**2.9299**	**1.3275**	**0.0152**	**0.6177**	**0.0289**	**0.6466**	**0.1681**	**0.0276**	**0.1957**		**1,639.7121**	**1,639.7121**	**0.0651**	**0.2402**	**1,712.9320**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0467	1.6445	0.6566	7.7800e-003	0.2819	0.0115	0.2934	0.0812	0.0110	0.0921		834.8427	834.8427	0.0212	0.1234	872.1302
Worker	0.3925	0.2463	3.2267	9.8400e-003	1.2519	5.9100e-003	1.2578	0.3320	5.4400e-003	0.3375		994.1849	994.1849	0.0248	0.0257	1,002.4744
Total	**0.4392**	**1.8907**	**3.8833**	**0.0176**	**1.5338**	**0.0174**	**1.5512**	**0.4132**	**0.0164**	**0.4296**		**1,829.0275**	**1,829.0275**	**0.0460**	**0.1491**	**1,874.6046**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0467	1.6445	0.6566	7.7800e-003	0.2819	0.0115	0.2934	0.0812	0.0110	0.0921		834.8427	834.8427	0.0212	0.1234	872.1302
Worker	0.3925	0.2463	3.2267	9.8400e-003	1.2519	5.9100e-003	1.2578	0.3320	5.4400e-003	0.3375		994.1849	994.1849	0.0248	0.0257	1,002.4744
Total	**0.4392**	**1.8907**	**3.8833**	**0.0176**	**1.5338**	**0.0174**	**1.5512**	**0.4132**	**0.0164**	**0.4296**		**1,829.0275**	**1,829.0275**	**0.0460**	**0.1491**	**1,874.6046**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0457	1.6347	0.6465	7.6300e-003	0.2819	0.0115	0.2933	0.0812	0.0110	0.0921		818.6312	818.6312	0.0206	0.1209	855.1685
Worker	0.3660	0.2196	2.9928	9.5000e-003	1.2519	5.6100e-003	1.2575	0.3320	5.1700e-003	0.3372		960.3269	960.3269	0.0224	0.0240	968.0233
Total	**0.4117**	**1.8544**	**3.6393**	**0.0171**	**1.5338**	**0.0171**	**1.5509**	**0.4132**	**0.0161**	**0.4293**		**1,778.9582**	**1,778.9582**	**0.0430**	**0.1448**	**1,823.1918**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0457	1.6347	0.6465	7.6300e-003	0.2819	0.0115	0.2933	0.0812	0.0110	0.0921		818.6312	818.6312	0.0206	0.1209	855.1685
Worker	0.3660	0.2196	2.9928	9.5000e-003	1.2519	5.6100e-003	1.2575	0.3320	5.1700e-003	0.3372		960.3269	960.3269	0.0224	0.0240	968.0233
Total	**0.4117**	**1.8544**	**3.6393**	**0.0171**	**1.5338**	**0.0171**	**1.5509**	**0.4132**	**0.0161**	**0.4293**		**1,778.9582**	**1,778.9582**	**0.0430**	**0.1448**	**1,823.1918**

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.2031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1182**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1600e-003	0.1486	0.0588	6.9000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	1.0000e-003	8.3700e-003		74.4210	74.4210	1.8700e-003	0.0110	77.7426
Worker	0.0523	0.0314	0.4276	1.3600e-003	0.1788	8.0000e-004	0.1796	0.0474	7.4000e-004	0.0482		137.1896	137.1896	3.2000e-003	3.4200e-003	138.2890
Total	**0.0564**	**0.1800**	**0.4863**	**2.0500e-003**	**0.2045**	**1.8400e-003**	**0.2063**	**0.0548**	**1.7400e-003**	**0.0565**		**211.6106**	**211.6106**	**5.0700e-003**	**0.0144**	**216.0316**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.2031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1182**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1600e-003	0.1486	0.0588	6.9000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	1.0000e-003	8.3700e-003		74.4210	74.4210	1.8700e-003	0.0110	77.7426
Worker	0.0523	0.0314	0.4276	1.3600e-003	0.1788	8.0000e-004	0.1796	0.0474	7.4000e-004	0.0482		137.1896	137.1896	3.2000e-003	3.4200e-003	138.2890
Total	**0.0564**	**0.1800**	**0.4863**	**2.0500e-003**	**0.2045**	**1.8400e-003**	**0.2063**	**0.0548**	**1.7400e-003**	**0.0565**		**211.6106**	**211.6106**	**5.0700e-003**	**0.0144**	**216.0316**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	64.0687					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**64.2395**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1600e-003	0.1486	0.0588	6.9000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	1.0000e-003	8.3700e-003		74.4210	74.4210	1.8700e-003	0.0110	77.7426
Worker	0.0719	0.0431	0.5879	1.8700e-003	0.2459	1.1000e-003	0.2470	0.0652	1.0100e-003	0.0662		188.6357	188.6357	4.3900e-003	4.7000e-003	190.1474
Total	**0.0760**	**0.1918**	**0.6467**	**2.5600e-003**	**0.2715**	**2.1400e-003**	**0.2737**	**0.0726**	**2.0100e-003**	**0.0746**		**263.0567**	**263.0567**	**6.2600e-003**	**0.0157**	**267.8900**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	64.0687					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**64.2395**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1600e-003	0.1486	0.0588	6.9000e-004	0.0256	1.0400e-003	0.0267	7.3800e-003	1.0000e-003	8.3700e-003		74.4210	74.4210	1.8700e-003	0.0110	77.7426
Worker	0.0719	0.0431	0.5879	1.8700e-003	0.2459	1.1000e-003	0.2470	0.0652	1.0100e-003	0.0662		188.6357	188.6357	4.3900e-003	4.7000e-003	190.1474
Total	**0.0760**	**0.1918**	**0.6467**	**2.5600e-003**	**0.2715**	**2.1400e-003**	**0.2737**	**0.0726**	**2.0100e-003**	**0.0746**		**263.0567**	**263.0567**	**6.2600e-003**	**0.0157**	**267.8900**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5149	16.5272	7.8657	0.0971	4.9179	0.1776	5.0955	1.3466	0.1696	1.5162		10,399.1958	10,399.1958	0.3491	1.3728	10,817.0200
Unmitigated	0.5149	16.5272	7.8657	0.0971	4.9179	0.1776	5.0955	1.3466	0.1696	1.5162		10,399.1958	10,399.1958	0.3491	1.3728	10,817.0200

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	93.16	93.16	93.16	1,356,421	1,356,421
Unrefrigerated Warehouse-Rail	139.74	139.74	139.74	787,530	787,530
Total	232.90	232.90	232.90	2,143,951	2,143,951

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	40.00	40.00	40.00	59.00	0.00	41.00	100	0	0
Unrefrigerated Warehouse-Rail	16.60	16.60	16.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Parking Lot	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.175000	0.047000	0.078000	0.700000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.703000	0.073000	0.224000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
NaturalGas Unmitigated	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635

Alice Ave Warehouse Project - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	300.013	3.2400e-003	0.0294	0.0247	1.8000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003		35.2957	35.2957	6.8000e-004	6.5000e-004	35.5054
Unrefrigerated Warehouse-Rail	450.02	4.8500e-003	0.0441	0.0371	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.9435	52.9435	1.0100e-003	9.7000e-004	53.2581
Total		**8.0900e-003**	**0.0735**	**0.0618**	**4.4000e-004**		**5.5900e-003**	**5.5900e-003**		**5.5900e-003**	**5.5900e-003**		**88.2392**	**88.2392**	**1.6900e-003**	**1.6200e-003**	**88.7635**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.300013	3.2400e-003	0.0294	0.0247	1.8000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003		35.2957	35.2957	6.8000e-004	6.5000e-004	35.5054
Unrefrigerated Warehouse-Rail	0.45002	4.8500e-003	0.0441	0.0371	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.9435	52.9435	1.0100e-003	9.7000e-004	53.2581
Total		**8.0900e-003**	**0.0735**	**0.0618**	**4.4000e-004**		**5.5900e-003**	**5.5900e-003**		**5.5900e-003**	**5.5900e-003**		**88.2392**	**88.2392**	**1.6900e-003**	**1.6200e-003**	**88.7635**

6.0 Area Detail

6.1 Mitigation Measures Area

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Unmitigated	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9200e-003	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Total	**3.0769**	**1.9000e-004**	**0.0209**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0449**	**0.0449**	**1.2000e-004**		**0.0478**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9200e-003	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Total	**3.0769**	**1.9000e-004**	**0.0209**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0449**	**0.0449**	**1.2000e-004**		**0.0478**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	16	8.00	260	89	0.20	Diesel
Other Material Handling Equipment	1	8.00	260	200	0.40	Diesel

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Forklifts	1.3902	13.0966	18.1400	0.0245		0.7011	0.7011		0.6450	0.6450	0.0000	2,368.4933	2,368.4933	0.7660		2,387.6438
Other Material Handling Equipment	0.2818	2.5024	1.6893	6.8700e-003		0.0846	0.0846		0.0779	0.0779	0.0000	665.2415	665.2415	0.2152		670.6204
Total	**1.6720**	**15.5990**	**19.8293**	**0.0313**		**0.7858**	**0.7858**		**0.7229**	**0.7229**	**0.0000**	**3,033.7348**	**3,033.7348**	**0.9812**		**3,058.2641**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Alice Ave Warehouse Project LST

San Bernardino-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	54.48	1000sqft	1.25	54,480.00	0
Unrefrigerated Warehouse-Rail	81.72	1000sqft	1.88	81,720.00	0
Parking Lot	67.60	1000sqft	1.55	67,600.00	0
City Park	1.43	Acre	1.43	62,173.19	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	32
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project-specific information.

Land Use - Paved space calculated by subtracting warehouse space and lanscaping from site total. Rail WH represents passenger vehicles, no rail WH represents trucks.

Construction Phase - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Trips and VMT - Assuming even worker trips and four haul trips per phase. All values are based on CalEEMod defaults. Assuming 1000 ft trip lengths for LST.

On-road Fugitive Dust - CalEEMod default values.

Demolition - Project-specific information estimated using google earth. Need to ask about demolishing asphalt.

Grading - Net import calculated using cut and fill values on grading plan.

Architectural Coating - CalEEMod default values.

Vehicle Trips - Removed trips for "city park," which represents landscaping. Changed trip rate to the correct WH option. Assuming 1000 foot trip lengths for LST. Assuming 100% primary truck trips.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Road Dust - CalEEMod default values.

Woodstoves - CalEEMod default values.

Consumer Products - CalEEMod default values.

Area Coating - CalEEMod default values.

Landscape Equipment - CalEEMod default values.

Energy Use - CalEEMod default values.

Water And Wastewater - CalEEMod default values.

Solid Waste - CalEEMod default values.

Land Use Change - CalEEMod default values.

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Sequestration - CalEEMod default values.

Construction Off-road Equipment Mitigation - CalEEMod default values. Assuming site is watered twice per day.

Mobile Land Use Mitigation - CalEEMod default values.

Mobile Commute Mitigation - CalEEMod default values.

Area Mitigation - CalEEMod default values.

Energy Mitigation - CalEEMod default values.

Water Mitigation - CalEEMod default values.

Waste Mitigation - CalEEMod default values.

Operational Off-Road Equipment - Other Material Handling Equipment represents a yard truck. Forklift and yard truck volumes calculated in accompanying spreadsheet.

Fleet Mix - Adjusted to match excel sheet fleet mix calculations.

Stationary Sources - Emergency Generators and Fire Pumps - CalEEMod default values.

Stationary Sources - Process Boilers - CalEEMod default values.

Stationary Sources - User Defined - CalEEMod default values.

Stationary Sources - Emergency Generators and Fire Pumps EF - CalEEMod default values.

Stationary Sources - Process Boilers EF - CalEEMod default values.

Table Name	Column Name	Default Value	New Value
tblFleetMix	HHD	0.02	0.70
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	0.70
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.07

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.22
tblFleetMix	LHD1	0.03	0.18
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.0090e-003	0.05
tblFleetMix	LHD2	7.0090e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MHD	0.01	0.08
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblGrading	MaterialImported	0.00	3,774.00
tblLandUse	LandUseSquareFeet	62,290.80	62,173.19
tblOperationalOffRoadEquipment	OperHorsePower	168.00	200.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	16.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	105.00	106.00
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	CC_TL	8.40	0.19
tblVehicleTrips	CC_TL	8.40	0.19
tblVehicleTrips	CNW_TL	6.90	0.19
tblVehicleTrips	CNW_TL	6.90	0.19
tblVehicleTrips	CW_TL	16.60	0.19
tblVehicleTrips	CW_TL	16.60	0.19

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	1.74	1.71
tblVehicleTrips	WD_TR	1.74	1.71

2.0 Emissions Summary

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.6927	27.2375	19.9260	0.0392	19.6606	1.2295	20.8901	10.1035	1.1311	11.2346	0.0000	3,782.2834	3,782.2834	1.1949	0.0226	3,810.2378
2025	64.2751	13.1000	17.0544	0.0282	0.0262	0.5287	0.5549	7.4000e-003	0.4973	0.5048	0.0000	2,690.7147	2,690.7147	0.7155	0.0219	2,712.6141
Maximum	**64.2751**	**27.2375**	**19.9260**	**0.0392**	**19.6606**	**1.2295**	**20.8901**	**10.1035**	**1.1311**	**11.2346**	**0.0000**	**3,782.2834**	**3,782.2834**	**1.1949**	**0.0226**	**3,810.2378**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.6927	27.2375	19.9260	0.0392	8.8492	1.2295	10.0787	4.5471	1.1311	5.6782	0.0000	3,782.2834	3,782.2834	1.1949	0.0226	3,810.2378
2025	64.2751	13.1000	17.0544	0.0282	0.0262	0.5287	0.5549	7.4000e-003	0.4973	0.5048	0.0000	2,690.7147	2,690.7147	0.7155	0.0219	2,712.6141
Maximum	**64.2751**	**27.2375**	**19.9260**	**0.0392**	**8.8492**	**1.2295**	**10.0787**	**4.5471**	**1.1311**	**5.6782**	**0.0000**	**3,782.2834**	**3,782.2834**	**1.1949**	**0.0226**	**3,810.2378**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**54.92**	**0.00**	**50.41**	**54.95**	**0.00**	**47.33**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Energy	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
Mobile	0.2837	1.4702	1.8747	2.5500e-003	0.0347	1.8400e-003	0.0365	9.4000e-003	1.7400e-003	0.0111		271.6343	271.6343	0.0194	0.0456	285.7097
Offroad	1.6720	15.5990	19.8293	0.0313		0.7858	0.7858		0.7229	0.7229	0.0000	3,033.7348	3,033.7348	0.9812		3,058.2641
Total	**5.0407**	**17.1429**	**21.7867**	**0.0343**	**0.0347**	**0.7933**	**0.8279**	**9.4000e-003**	**0.7303**	**0.7397**	**0.0000**	**3,393.6532**	**3,393.6532**	**1.0024**	**0.0472**	**3,432.7851**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Energy	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
Mobile	0.2837	1.4702	1.8747	2.5500e-003	0.0347	1.8400e-003	0.0365	9.4000e-003	1.7400e-003	0.0111		271.6343	271.6343	0.0194	0.0456	285.7097
Offroad	1.6720	15.5990	19.8293	0.0313		0.7858	0.7858		0.7229	0.7229	0.0000	3,033.7348	3,033.7348	0.9812		3,058.2641
Total	**5.0407**	**17.1429**	**21.7867**	**0.0343**	**0.0347**	**0.7933**	**0.8279**	**9.4000e-003**	**0.7303**	**0.7397**	**0.0000**	**3,393.6532**	**3,393.6532**	**1.0024**	**0.0472**	**3,432.7851**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	1/26/2024	5	20	
2	Site Preparation	Site Preparation	1/27/2024	2/9/2024	5	10	
3	Grading	Grading	2/10/2024	3/8/2024	5	20	
4	Building Construction	Building Construction	3/9/2024	1/24/2025	5	230	

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5	Paving	Paving	1/25/2025	2/21/2025	5	20	
6	Architectural Coating	Architectural Coating	2/22/2025	3/21/2025	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 20

Acres of Paving: 1.55

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 204,300; Non-Residential Outdoor: 68,100; Striped Parking Area: 4,056 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	4.00	106.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	4.00	472.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	112.00	44.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	22.00	4.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1320	0.0000	1.1320	0.1714	0.0000	0.1714			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**1.1320**	**0.9602**	**2.0922**	**0.1714**	**0.8922**	**1.0636**		**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.3000e-003	0.1130	0.1009	1.9000e-004	9.9000e-004	1.2000e-004	1.1100e-003	2.8000e-004	1.1000e-004	3.9000e-004		20.5494	20.5494	5.7000e-004	3.2400e-003	21.5303
Vendor	3.1200e-003	0.0531	0.0431	9.0000e-005	8.1000e-004	6.0000e-005	8.6000e-004	2.4000e-004	5.0000e-005	3.0000e-004		9.2945	9.2945	2.6000e-004	1.4500e-003	9.7336
Worker	0.0255	7.4100e-003	0.0746	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	8.0000e-005	7.5000e-004		5.0168	5.0168	1.6900e-003	9.4000e-004	5.3394
Total	**0.0359**	**0.1736**	**0.2187**	**3.3000e-004**	**4.2700e-003**	**2.6000e-004**	**4.5200e-003**	**1.1900e-003**	**2.4000e-004**	**1.4400e-003**		**34.8606**	**34.8606**	**2.5200e-003**	**5.6300e-003**	**36.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5094	0.0000	0.5094	0.0771	0.0000	0.0771			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**0.5094**	**0.9602**	**1.4696**	**0.0771**	**0.8922**	**0.9693**	**0.0000**	**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.3000e-003	0.1130	0.1009	1.9000e-004	9.9000e-004	1.2000e-004	1.1100e-003	2.8000e-004	1.1000e-004	3.9000e-004		20.5494	20.5494	5.7000e-004	3.2400e-003	21.5303
Vendor	3.1200e-003	0.0531	0.0431	9.0000e-005	8.1000e-004	6.0000e-005	8.6000e-004	2.4000e-004	5.0000e-005	3.0000e-004		9.2945	9.2945	2.6000e-004	1.4500e-003	9.7336
Worker	0.0255	7.4100e-003	0.0746	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	8.0000e-005	7.5000e-004		5.0168	5.0168	1.6900e-003	9.4000e-004	5.3394
Total	**0.0359**	**0.1736**	**0.2187**	**3.3000e-004**	**4.2700e-003**	**2.6000e-004**	**4.5200e-003**	**1.1900e-003**	**2.4000e-004**	**1.4400e-003**		**34.8606**	**34.8606**	**2.5200e-003**	**5.6300e-003**	**36.6033**

3.3 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**19.6570**	**1.2294**	**20.8864**	**10.1025**	**1.1310**	**11.2335**		**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.1200e-003	0.0531	0.0431	9.0000e-005	8.1000e-004	6.0000e-005	8.6000e-004	2.4000e-004	5.0000e-005	3.0000e-004		9.2945	9.2945	2.6000e-004	1.4500e-003	9.7336
Worker	0.0287	8.3300e-003	0.0839	6.0000e-005	2.7800e-003	9.0000e-005	2.8700e-003	7.6000e-004	9.0000e-005	8.4000e-004		5.6439	5.6439	1.9000e-003	1.0600e-003	6.0068
Total	**0.0318**	**0.0615**	**0.1271**	**1.5000e-004**	**3.5900e-003**	**1.5000e-004**	**3.7300e-003**	**1.0000e-003**	**1.4000e-004**	**1.1400e-003**		**14.9384**	**14.9384**	**2.1600e-003**	**2.5100e-003**	**15.7404**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**8.8457**	**1.2294**	**10.0750**	**4.5461**	**1.1310**	**5.6771**	**0.0000**	**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.1200e-003	0.0531	0.0431	9.0000e-005	8.1000e-004	6.0000e-005	8.6000e-004	2.4000e-004	5.0000e-005	3.0000e-004		9.2945	9.2945	2.6000e-004	1.4500e-003	9.7336
Worker	0.0287	8.3300e-003	0.0839	6.0000e-005	2.7800e-003	9.0000e-005	2.8700e-003	7.6000e-004	9.0000e-005	8.4000e-004		5.6439	5.6439	1.9000e-003	1.0600e-003	6.0068
Total	**0.0318**	**0.0615**	**0.1271**	**1.5000e-004**	**3.5900e-003**	**1.5000e-004**	**3.7300e-003**	**1.0000e-003**	**1.4000e-004**	**1.1400e-003**		**14.9384**	**14.9384**	**2.1600e-003**	**2.5100e-003**	**15.7404**

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.1039	0.0000	7.1039	3.4280	0.0000	3.4280			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665		2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**7.1039**	**0.7244**	**7.8284**	**3.4280**	**0.6665**	**4.0944**		**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0325	0.5033	0.4493	8.5000e-004	4.4300e-003	5.2000e-004	4.9500e-003	1.2600e-003	5.0000e-004	1.7600e-003		91.5028	91.5028	2.5500e-003	0.0144	95.8706
Vendor	3.1200e-003	0.0531	0.0431	9.0000e-005	8.1000e-004	6.0000e-005	8.6000e-004	2.4000e-004	5.0000e-005	3.0000e-004		9.2945	9.2945	2.6000e-004	1.4500e-003	9.7336
Worker	0.0255	7.4100e-003	0.0746	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	8.0000e-005	7.5000e-004		5.0168	5.0168	1.6900e-003	9.4000e-004	5.3394
Total	**0.0612**	**0.5639**	**0.5671**	**9.9000e-004**	**7.7100e-003**	**6.6000e-004**	**8.3600e-003**	**2.1700e-003**	**6.3000e-004**	**2.8100e-003**		**105.8141**	**105.8141**	**4.5000e-003**	**0.0168**	**110.9436**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1968	0.0000	3.1968	1.5426	0.0000	1.5426			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665	0.0000	2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**3.1968**	**0.7244**	**3.9212**	**1.5426**	**0.6665**	**2.2091**	**0.0000**	**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0325	0.5033	0.4493	8.5000e-004	4.4300e-003	5.2000e-004	4.9500e-003	1.2600e-003	5.0000e-004	1.7600e-003		91.5028	91.5028	2.5500e-003	0.0144	95.8706
Vendor	3.1200e-003	0.0531	0.0431	9.0000e-005	8.1000e-004	6.0000e-005	8.6000e-004	2.4000e-004	5.0000e-005	3.0000e-004		9.2945	9.2945	2.6000e-004	1.4500e-003	9.7336
Worker	0.0255	7.4100e-003	0.0746	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	8.0000e-005	7.5000e-004		5.0168	5.0168	1.6900e-003	9.4000e-004	5.3394
Total	**0.0612**	**0.5639**	**0.5671**	**9.9000e-004**	**7.7100e-003**	**6.6000e-004**	**8.3600e-003**	**2.1700e-003**	**6.3000e-004**	**2.8100e-003**		**105.8141**	**105.8141**	**4.5000e-003**	**0.0168**	**110.9436**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0343	0.5843	0.4745	9.6000e-004	8.8900e-003	6.1000e-004	9.5000e-003	2.6800e-003	5.8000e-004	3.2600e-003		102.2398	102.2398	2.9000e-003	0.0160	107.0696
Worker	0.1786	0.0519	0.5223	3.5000e-004	0.0173	5.8000e-004	0.0179	4.7200e-003	5.3000e-004	5.2600e-003		35.1173	35.1173	0.0118	6.5900e-003	37.3759
Total	**0.2129**	**0.6362**	**0.9968**	**1.3100e-003**	**0.0262**	**1.1900e-003**	**0.0274**	**7.4000e-003**	**1.1100e-003**	**8.5200e-003**		**137.3571**	**137.3571**	**0.0147**	**0.0226**	**144.4455**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0343	0.5843	0.4745	9.6000e-004	8.8900e-003	6.1000e-004	9.5000e-003	2.6800e-003	5.8000e-004	3.2600e-003		102.2398	102.2398	2.9000e-003	0.0160	107.0696
Worker	0.1786	0.0519	0.5223	3.5000e-004	0.0173	5.8000e-004	0.0179	4.7200e-003	5.3000e-004	5.2600e-003		35.1173	35.1173	0.0118	6.5900e-003	37.3759
Total	**0.2129**	**0.6362**	**0.9968**	**1.3100e-003**	**0.0262**	**1.1900e-003**	**0.0274**	**7.4000e-003**	**1.1100e-003**	**8.5200e-003**		**137.3571**	**137.3571**	**0.0147**	**0.0226**	**144.4455**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0340	0.5824	0.4707	9.4000e-004	8.8900e-003	6.1000e-004	9.5000e-003	2.6800e-003	5.8000e-004	3.2600e-003		100.3177	100.3177	2.8500e-003	0.0157	105.0562
Worker	0.1654	0.0479	0.4990	3.4000e-004	0.0173	5.5000e-004	0.0178	4.7200e-003	5.1000e-004	5.2300e-003		33.9227	33.9227	0.0109	6.2600e-003	36.0599
Total	**0.1994**	**0.6304**	**0.9697**	**1.2800e-003**	**0.0262**	**1.1600e-003**	**0.0273**	**7.4000e-003**	**1.0900e-003**	**8.4900e-003**		**134.2403**	**134.2403**	**0.0137**	**0.0219**	**141.1161**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0340	0.5824	0.4707	9.4000e-004	8.8900e-003	6.1000e-004	9.5000e-003	2.6800e-003	5.8000e-004	3.2600e-003		100.3177	100.3177	2.8500e-003	0.0157	105.0562
Worker	0.1654	0.0479	0.4990	3.4000e-004	0.0173	5.5000e-004	0.0178	4.7200e-003	5.1000e-004	5.2300e-003		33.9227	33.9227	0.0109	6.2600e-003	36.0599
Total	**0.1994**	**0.6304**	**0.9697**	**1.2800e-003**	**0.0262**	**1.1600e-003**	**0.0273**	**7.4000e-003**	**1.0900e-003**	**8.4900e-003**		**134.2403**	**134.2403**	**0.0137**	**0.0219**	**141.1161**

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.2031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1182**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0900e-003	0.0530	0.0428	9.0000e-005	8.1000e-004	6.0000e-005	8.6000e-004	2.4000e-004	5.0000e-005	3.0000e-004		9.1198	9.1198	2.6000e-004	1.4200e-003	9.5506
Worker	0.0236	6.8500e-003	0.0713	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	7.0000e-005	7.5000e-004		4.8461	4.8461	1.5600e-003	8.9000e-004	5.1514
Total	**0.0267**	**0.0598**	**0.1141**	**1.4000e-004**	**3.2800e-003**	**1.4000e-004**	**3.4100e-003**	**9.1000e-004**	**1.2000e-004**	**1.0500e-003**		**13.9659**	**13.9659**	**1.8200e-003**	**2.3100e-003**	**14.7020**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.2031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1182**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0900e-003	0.0530	0.0428	9.0000e-005	8.1000e-004	6.0000e-005	8.6000e-004	2.4000e-004	5.0000e-005	3.0000e-004		9.1198	9.1198	2.6000e-004	1.4200e-003	9.5506
Worker	0.0236	6.8500e-003	0.0713	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	7.0000e-005	7.5000e-004		4.8461	4.8461	1.5600e-003	8.9000e-004	5.1514
Total	**0.0267**	**0.0598**	**0.1141**	**1.4000e-004**	**3.2800e-003**	**1.4000e-004**	**3.4100e-003**	**9.1000e-004**	**1.2000e-004**	**1.0500e-003**		**13.9659**	**13.9659**	**1.8200e-003**	**2.3100e-003**	**14.7020**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	64.0687					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**64.2395**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0900e-003	0.0530	0.0428	9.0000e-005	8.1000e-004	6.0000e-005	8.6000e-004	2.4000e-004	5.0000e-005	3.0000e-004		9.1198	9.1198	2.6000e-004	1.4200e-003	9.5506
Worker	0.0325	9.4200e-003	0.0980	7.0000e-005	3.3900e-003	1.1000e-004	3.5000e-003	9.3000e-004	1.0000e-004	1.0300e-003		6.6634	6.6634	2.1400e-003	1.2300e-003	7.0832
Total	**0.0356**	**0.0624**	**0.1408**	**1.6000e-004**	**4.2000e-003**	**1.7000e-004**	**4.3600e-003**	**1.1700e-003**	**1.5000e-004**	**1.3300e-003**		**15.7832**	**15.7832**	**2.4000e-003**	**2.6500e-003**	**16.6338**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	64.0687					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**64.2395**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0900e-003	0.0530	0.0428	9.0000e-005	8.1000e-004	6.0000e-005	8.6000e-004	2.4000e-004	5.0000e-005	3.0000e-004		9.1198	9.1198	2.6000e-004	1.4200e-003	9.5506
Worker	0.0325	9.4200e-003	0.0980	7.0000e-005	3.3900e-003	1.1000e-004	3.5000e-003	9.3000e-004	1.0000e-004	1.0300e-003		6.6634	6.6634	2.1400e-003	1.2300e-003	7.0832
Total	**0.0356**	**0.0624**	**0.1408**	**1.6000e-004**	**4.2000e-003**	**1.7000e-004**	**4.3600e-003**	**1.1700e-003**	**1.5000e-004**	**1.3300e-003**		**15.7832**	**15.7832**	**2.4000e-003**	**2.6500e-003**	**16.6338**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2837	1.4702	1.8747	2.5500e-003	0.0347	1.8400e-003	0.0365	9.4000e-003	1.7400e-003	0.0111		271.6343	271.6343	0.0194	0.0456	285.7097
Unmitigated	0.2837	1.4702	1.8747	2.5500e-003	0.0347	1.8400e-003	0.0365	9.4000e-003	1.7400e-003	0.0111		271.6343	271.6343	0.0194	0.0456	285.7097

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	93.16	93.16	93.16	6,443	6,443
Unrefrigerated Warehouse-Rail	139.74	139.74	139.74	9,165	9,165
Total	232.90	232.90	232.90	15,608	15,608

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	0.19	0.19	0.19	59.00	0.00	41.00	100	0	0
Unrefrigerated Warehouse-Rail	0.19	0.19	0.19	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Parking Lot	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.175000	0.047000	0.078000	0.700000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.703000	0.073000	0.224000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
NaturalGas Unmitigated	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	300.013	3.2400e-003	0.0294	0.0247	1.8000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003		35.2957	35.2957	6.8000e-004	6.5000e-004	35.5054
Unrefrigerated Warehouse-Rail	450.02	4.8500e-003	0.0441	0.0371	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.9435	52.9435	1.0100e-003	9.7000e-004	53.2581
Total		**8.0900e-003**	**0.0735**	**0.0618**	**4.4000e-004**		**5.5900e-003**	**5.5900e-003**		**5.5900e-003**	**5.5900e-003**		**88.2392**	**88.2392**	**1.6900e-003**	**1.6200e-003**	**88.7635**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.300013	3.2400e-003	0.0294	0.0247	1.8000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003		35.2957	35.2957	6.8000e-004	6.5000e-004	35.5054
Unrefrigerated Warehouse-Rail	0.45002	4.8500e-003	0.0441	0.0371	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.9435	52.9435	1.0100e-003	9.7000e-004	53.2581
Total		**8.0900e-003**	**0.0735**	**0.0618**	**4.4000e-004**		**5.5900e-003**	**5.5900e-003**		**5.5900e-003**	**5.5900e-003**		**88.2392**	**88.2392**	**1.6900e-003**	**1.6200e-003**	**88.7635**

6.0 Area Detail

6.1 Mitigation Measures Area

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Unmitigated	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9200e-003	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Total	**3.0769**	**1.9000e-004**	**0.0209**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0449**	**0.0449**	**1.2000e-004**		**0.0478**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9200e-003	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Total	**3.0769**	**1.9000e-004**	**0.0209**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0449**	**0.0449**	**1.2000e-004**		**0.0478**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	16	8.00	260	89	0.20	Diesel
Other Material Handling Equipment	1	8.00	260	200	0.40	Diesel

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Forklifts	1.3902	13.0966	18.1400	0.0245		0.7011	0.7011		0.6450	0.6450	0.0000	2,368.4933	2,368.4933	0.7660		2,387.6438
Other Material Handling Equipment	0.2818	2.5024	1.6893	6.8700e-003		0.0846	0.0846		0.0779	0.0779	0.0000	665.2415	665.2415	0.2152		670.6204
Total	**1.6720**	**15.5990**	**19.8293**	**0.0313**		**0.7858**	**0.7858**		**0.7229**	**0.7229**	**0.0000**	**3,033.7348**	**3,033.7348**	**0.9812**		**3,058.2641**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Alice Ave Warehouse Project LST

San Bernardino-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	54.48	1000sqft	1.25	54,480.00	0
Unrefrigerated Warehouse-Rail	81.72	1000sqft	1.88	81,720.00	0
Parking Lot	67.60	1000sqft	1.55	67,600.00	0
City Park	1.43	Acre	1.43	62,173.19	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	32
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project-specific information.

Land Use - Paved space calculated by subtracting warehouse space and lanscaping from site total. Rail WH represents passenger vehicles, no rail WH represents trucks.

Construction Phase - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Off-road Equipment - CalEEMod default values.

Trips and VMT - Assuming even worker trips and four haul trips per phase. All values are based on CalEEMod defaults. Assuming 1000 ft trip lengths for LST.

On-road Fugitive Dust - CalEEMod default values.

Demolition - Project-specific information estimated using google earth. Need to ask about demolishing asphalt.

Grading - Net import calculated using cut and fill values on grading plan.

Architectural Coating - CalEEMod default values.

Vehicle Trips - Removed trips for "city park," which represents landscaping. Changed trip rate to the correct WH option. Assuming 1000 foot trip lengths for LST. Assuming 100% primary truck trips.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Road Dust - CalEEMod default values.

Woodstoves - CalEEMod default values.

Consumer Products - CalEEMod default values.

Area Coating - CalEEMod default values.

Landscape Equipment - CalEEMod default values.

Energy Use - CalEEMod default values.

Water And Wastewater - CalEEMod default values.

Solid Waste - CalEEMod default values.

Land Use Change - CalEEMod default values.

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Sequestration - CalEEMod default values.

Construction Off-road Equipment Mitigation - CalEEMod default values. Assuming site is watered twice per day.

Mobile Land Use Mitigation - CalEEMod default values.

Mobile Commute Mitigation - CalEEMod default values.

Area Mitigation - CalEEMod default values.

Energy Mitigation - CalEEMod default values.

Water Mitigation - CalEEMod default values.

Waste Mitigation - CalEEMod default values.

Operational Off-Road Equipment - Other Material Handling Equipment represents a yard truck. Forklift and yard truck volumes calculated in accompanying spreadsheet.

Fleet Mix - Adjusted to match excel sheet fleet mix calculations.

Stationary Sources - Emergency Generators and Fire Pumps - CalEEMod default values.

Stationary Sources - Process Boilers - CalEEMod default values.

Stationary Sources - User Defined - CalEEMod default values.

Stationary Sources - Emergency Generators and Fire Pumps EF - CalEEMod default values.

Stationary Sources - Process Boilers EF - CalEEMod default values.

Table Name	Column Name	Default Value	New Value
tblFleetMix	HHD	0.02	0.70
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	0.70
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.07

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.22
tblFleetMix	LHD1	0.03	0.18
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.0090e-003	0.05
tblFleetMix	LHD2	7.0090e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MHD	0.01	0.08
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblGrading	MaterialImported	0.00	3,774.00
tblLandUse	LandUseSquareFeet	62,290.80	62,173.19
tblOperationalOffRoadEquipment	OperHorsePower	168.00	200.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	16.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	105.00	106.00
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripLength	14.70	0.19
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	CC_TL	8.40	0.19
tblVehicleTrips	CC_TL	8.40	0.19
tblVehicleTrips	CNW_TL	6.90	0.19
tblVehicleTrips	CNW_TL	6.90	0.19
tblVehicleTrips	CW_TL	16.60	0.19
tblVehicleTrips	CW_TL	16.60	0.19

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	1.74	1.71
tblVehicleTrips	WD_TR	1.74	1.71

2.0 Emissions Summary

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.6866	27.2418	19.9409	0.0392	19.6606	1.2295	20.8901	10.1035	1.1311	11.2346	0.0000	3,782.6883	3,782.6883	1.1953	0.0232	3,810.6916
2025	64.2682	13.1450	17.1407	0.0282	0.0262	0.5288	0.5549	7.4000e-003	0.4974	0.5048	0.0000	2,690.9406	2,690.9406	0.7158	0.0225	2,713.0570
Maximum	**64.2682**	**27.2418**	**19.9409**	**0.0392**	**19.6606**	**1.2295**	**20.8901**	**10.1035**	**1.1311**	**11.2346**	**0.0000**	**3,782.6883**	**3,782.6883**	**1.1953**	**0.0232**	**3,810.6916**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.6866	27.2418	19.9409	0.0392	8.8492	1.2295	10.0787	4.5471	1.1311	5.6782	0.0000	3,782.6883	3,782.6883	1.1953	0.0232	3,810.6916
2025	64.2682	13.1450	17.1407	0.0282	0.0262	0.5288	0.5549	7.4000e-003	0.4974	0.5048	0.0000	2,690.9406	2,690.9406	0.7158	0.0225	2,713.0570
Maximum	**64.2682**	**27.2418**	**19.9409**	**0.0392**	**8.8492**	**1.2295**	**10.0787**	**4.5471**	**1.1311**	**5.6782**	**0.0000**	**3,782.6883**	**3,782.6883**	**1.1953**	**0.0232**	**3,810.6916**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**54.92**	**0.00**	**50.41**	**54.95**	**0.00**	**47.33**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Energy	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
Mobile	0.2414	1.5927	2.0058	2.6000e-003	0.0347	1.9600e-003	0.0366	9.4000e-003	1.8500e-003	0.0113		276.2196	276.2196	0.0209	0.0469	290.7084
Offroad	1.6720	15.5990	19.8293	0.0313		0.7858	0.7858		0.7229	0.7229	0.0000	3,033.7348	3,033.7348	0.9812		3,058.2641
Total	**4.9984**	**17.2654**	**21.9178**	**0.0344**	**0.0347**	**0.7934**	**0.8281**	**9.4000e-003**	**0.7304**	**0.7398**	**0.0000**	**3,398.2385**	**3,398.2385**	**1.0038**	**0.0485**	**3,437.7839**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Energy	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
Mobile	0.2414	1.5927	2.0058	2.6000e-003	0.0347	1.9600e-003	0.0366	9.4000e-003	1.8500e-003	0.0113		276.2196	276.2196	0.0209	0.0469	290.7084
Offroad	1.6720	15.5990	19.8293	0.0313		0.7858	0.7858		0.7229	0.7229	0.0000	3,033.7348	3,033.7348	0.9812		3,058.2641
Total	**4.9984**	**17.2654**	**21.9178**	**0.0344**	**0.0347**	**0.7934**	**0.8281**	**9.4000e-003**	**0.7304**	**0.7398**	**0.0000**	**3,398.2385**	**3,398.2385**	**1.0038**	**0.0485**	**3,437.7839**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	1/26/2024	5	20	
2	Site Preparation	Site Preparation	1/27/2024	2/9/2024	5	10	
3	Grading	Grading	2/10/2024	3/8/2024	5	20	
4	Building Construction	Building Construction	3/9/2024	1/24/2025	5	230	

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5	Paving	Paving	1/25/2025	2/21/2025	5	20	
6	Architectural Coating	Architectural Coating	2/22/2025	3/21/2025	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 20

Acres of Paving: 1.55

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 204,300; Non-Residential Outdoor: 68,100; Striped Parking Area: 4,056 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	4.00	106.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	4.00	472.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	112.00	44.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	22.00	4.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1320	0.0000	1.1320	0.1714	0.0000	0.1714			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**1.1320**	**0.9602**	**2.0922**	**0.1714**	**0.8922**	**1.0636**		**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.3400e-003	0.1227	0.1042	2.0000e-004	9.9000e-004	1.3000e-004	1.1200e-003	2.8000e-004	1.2000e-004	4.0000e-004		21.0341	21.0341	5.3000e-004	3.3200e-003	22.0365
Vendor	2.7600e-003	0.0570	0.0450	9.0000e-005	8.1000e-004	6.0000e-005	8.7000e-004	2.4000e-004	6.0000e-005	3.0000e-004		9.4797	9.4797	2.5000e-004	1.4800e-003	9.9273
Worker	0.0204	7.8400e-003	0.0844	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	8.0000e-005	7.5000e-004		4.7517	4.7517	1.9700e-003	9.8000e-004	5.0933
Total	**0.0295**	**0.1875**	**0.2336**	**3.4000e-004**	**4.2700e-003**	**2.7000e-004**	**4.5400e-003**	**1.1900e-003**	**2.6000e-004**	**1.4500e-003**		**35.2655**	**35.2655**	**2.7500e-003**	**5.7800e-003**	**37.0571**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5094	0.0000	0.5094	0.0771	0.0000	0.0771			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**0.5094**	**0.9602**	**1.4696**	**0.0771**	**0.8922**	**0.9693**	**0.0000**	**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.3400e-003	0.1227	0.1042	2.0000e-004	9.9000e-004	1.3000e-004	1.1200e-003	2.8000e-004	1.2000e-004	4.0000e-004		21.0341	21.0341	5.3000e-004	3.3200e-003	22.0365
Vendor	2.7600e-003	0.0570	0.0450	9.0000e-005	8.1000e-004	6.0000e-005	8.7000e-004	2.4000e-004	6.0000e-005	3.0000e-004		9.4797	9.4797	2.5000e-004	1.4800e-003	9.9273
Worker	0.0204	7.8400e-003	0.0844	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	8.0000e-005	7.5000e-004		4.7517	4.7517	1.9700e-003	9.8000e-004	5.0933
Total	**0.0295**	**0.1875**	**0.2336**	**3.4000e-004**	**4.2700e-003**	**2.7000e-004**	**4.5400e-003**	**1.1900e-003**	**2.6000e-004**	**1.4500e-003**		**35.2655**	**35.2655**	**2.7500e-003**	**5.7800e-003**	**37.0571**

3.3 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**19.6570**	**1.2294**	**20.8864**	**10.1025**	**1.1310**	**11.2335**		**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7600e-003	0.0570	0.0450	9.0000e-005	8.1000e-004	6.0000e-005	8.7000e-004	2.4000e-004	6.0000e-005	3.0000e-004		9.4797	9.4797	2.5000e-004	1.4800e-003	9.9273
Worker	0.0230	8.8200e-003	0.0950	5.0000e-005	2.7800e-003	9.0000e-005	2.8700e-003	7.6000e-004	9.0000e-005	8.4000e-004		5.3457	5.3457	2.2200e-003	1.1000e-003	5.7300
Total	**0.0257**	**0.0658**	**0.1400**	**1.4000e-004**	**3.5900e-003**	**1.5000e-004**	**3.7400e-003**	**1.0000e-003**	**1.5000e-004**	**1.1400e-003**		**14.8254**	**14.8254**	**2.4700e-003**	**2.5800e-003**	**15.6573**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**8.8457**	**1.2294**	**10.0750**	**4.5461**	**1.1310**	**5.6771**	**0.0000**	**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7600e-003	0.0570	0.0450	9.0000e-005	8.1000e-004	6.0000e-005	8.7000e-004	2.4000e-004	6.0000e-005	3.0000e-004		9.4797	9.4797	2.5000e-004	1.4800e-003	9.9273
Worker	0.0230	8.8200e-003	0.0950	5.0000e-005	2.7800e-003	9.0000e-005	2.8700e-003	7.6000e-004	9.0000e-005	8.4000e-004		5.3457	5.3457	2.2200e-003	1.1000e-003	5.7300
Total	**0.0257**	**0.0658**	**0.1400**	**1.4000e-004**	**3.5900e-003**	**1.5000e-004**	**3.7400e-003**	**1.0000e-003**	**1.5000e-004**	**1.1400e-003**		**14.8254**	**14.8254**	**2.4700e-003**	**2.5800e-003**	**15.6573**

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.1039	0.0000	7.1039	3.4280	0.0000	3.4280			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665		2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**7.1039**	**0.7244**	**7.8284**	**3.4280**	**0.6665**	**4.0944**		**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0282	0.5465	0.4638	8.7000e-004	4.4300e-003	5.7000e-004	4.9900e-003	1.2600e-003	5.4000e-004	1.8000e-003		93.6612	93.6612	2.3400e-003	0.0148	98.1247
Vendor	2.7600e-003	0.0570	0.0450	9.0000e-005	8.1000e-004	6.0000e-005	8.7000e-004	2.4000e-004	6.0000e-005	3.0000e-004		9.4797	9.4797	2.5000e-004	1.4800e-003	9.9273
Worker	0.0204	7.8400e-003	0.0844	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	8.0000e-005	7.5000e-004		4.7517	4.7517	1.9700e-003	9.8000e-004	5.0933
Total	**0.0514**	**0.6113**	**0.5932**	**1.0100e-003**	**7.7100e-003**	**7.1000e-004**	**8.4100e-003**	**2.1700e-003**	**6.8000e-004**	**2.8500e-003**		**107.8926**	**107.8926**	**4.5600e-003**	**0.0172**	**113.1453**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1968	0.0000	3.1968	1.5426	0.0000	1.5426			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665	0.0000	2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**3.1968**	**0.7244**	**3.9212**	**1.5426**	**0.6665**	**2.2091**	**0.0000**	**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0282	0.5465	0.4638	8.7000e-004	4.4300e-003	5.7000e-004	4.9900e-003	1.2600e-003	5.4000e-004	1.8000e-003		93.6612	93.6612	2.3400e-003	0.0148	98.1247
Vendor	2.7600e-003	0.0570	0.0450	9.0000e-005	8.1000e-004	6.0000e-005	8.7000e-004	2.4000e-004	6.0000e-005	3.0000e-004		9.4797	9.4797	2.5000e-004	1.4800e-003	9.9273
Worker	0.0204	7.8400e-003	0.0844	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	8.0000e-005	7.5000e-004		4.7517	4.7517	1.9700e-003	9.8000e-004	5.0933
Total	**0.0514**	**0.6113**	**0.5932**	**1.0100e-003**	**7.7100e-003**	**7.1000e-004**	**8.4100e-003**	**2.1700e-003**	**6.8000e-004**	**2.8500e-003**		**107.8926**	**107.8926**	**4.5600e-003**	**0.0172**	**113.1453**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0303	0.6264	0.4952	9.8000e-004	8.8900e-003	6.6000e-004	9.5500e-003	2.6800e-003	6.3000e-004	3.3100e-003		104.2768	104.2768	2.7400e-003	0.0163	109.2005
Worker	0.1429	0.0549	0.5909	3.3000e-004	0.0173	5.8000e-004	0.0179	4.7200e-003	5.3000e-004	5.2600e-003		33.2622	33.2622	0.0138	6.8700e-003	35.6530
Total	**0.1732**	**0.6813**	**1.0861**	**1.3100e-003**	**0.0262**	**1.2400e-003**	**0.0274**	**7.4000e-003**	**1.1600e-003**	**8.5700e-003**		**137.5390**	**137.5390**	**0.0165**	**0.0232**	**144.8536**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0303	0.6264	0.4952	9.8000e-004	8.8900e-003	6.6000e-004	9.5500e-003	2.6800e-003	6.3000e-004	3.3100e-003		104.2768	104.2768	2.7400e-003	0.0163	109.2005
Worker	0.1429	0.0549	0.5909	3.3000e-004	0.0173	5.8000e-004	0.0179	4.7200e-003	5.3000e-004	5.2600e-003		33.2622	33.2622	0.0138	6.8700e-003	35.6530
Total	**0.1732**	**0.6813**	**1.0861**	**1.3100e-003**	**0.0262**	**1.2400e-003**	**0.0274**	**7.4000e-003**	**1.1600e-003**	**8.5700e-003**		**137.5390**	**137.5390**	**0.0165**	**0.0232**	**144.8536**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0300	0.6246	0.4911	9.6000e-004	8.8900e-003	6.5000e-004	9.5400e-003	2.6800e-003	6.2000e-004	3.3000e-003		102.3339	102.3339	2.6800e-003	0.0160	107.1654
Worker	0.1318	0.0507	0.5649	3.2000e-004	0.0173	5.5000e-004	0.0178	4.7200e-003	5.1000e-004	5.2300e-003		32.1324	32.1324	0.0127	6.5300e-003	34.3935
Total	**0.1619**	**0.6753**	**1.0560**	**1.2800e-003**	**0.0262**	**1.2000e-003**	**0.0274**	**7.4000e-003**	**1.1300e-003**	**8.5300e-003**		**134.4663**	**134.4663**	**0.0153**	**0.0225**	**141.5589**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0300	0.6246	0.4911	9.6000e-004	8.8900e-003	6.5000e-004	9.5400e-003	2.6800e-003	6.2000e-004	3.3000e-003		102.3339	102.3339	2.6800e-003	0.0160	107.1654
Worker	0.1318	0.0507	0.5649	3.2000e-004	0.0173	5.5000e-004	0.0178	4.7200e-003	5.1000e-004	5.2300e-003		32.1324	32.1324	0.0127	6.5300e-003	34.3935
Total	**0.1619**	**0.6753**	**1.0560**	**1.2800e-003**	**0.0262**	**1.2000e-003**	**0.0274**	**7.4000e-003**	**1.1300e-003**	**8.5300e-003**		**134.4663**	**134.4663**	**0.0153**	**0.0225**	**141.5589**

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.2031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1182**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7300e-003	0.0568	0.0447	9.0000e-005	8.1000e-004	6.0000e-005	8.7000e-004	2.4000e-004	6.0000e-005	3.0000e-004		9.3031	9.3031	2.4000e-004	1.4500e-003	9.7423
Worker	0.0188	7.2500e-003	0.0807	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	7.0000e-005	7.5000e-004		4.5903	4.5903	1.8100e-003	9.3000e-004	4.9134
Total	**0.0216**	**0.0640**	**0.1254**	**1.4000e-004**	**3.2800e-003**	**1.4000e-004**	**3.4200e-003**	**9.1000e-004**	**1.3000e-004**	**1.0500e-003**		**13.8934**	**13.8934**	**2.0500e-003**	**2.3800e-003**	**14.6557**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.2031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1182**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7300e-003	0.0568	0.0447	9.0000e-005	8.1000e-004	6.0000e-005	8.7000e-004	2.4000e-004	6.0000e-005	3.0000e-004		9.3031	9.3031	2.4000e-004	1.4500e-003	9.7423
Worker	0.0188	7.2500e-003	0.0807	5.0000e-005	2.4700e-003	8.0000e-005	2.5500e-003	6.7000e-004	7.0000e-005	7.5000e-004		4.5903	4.5903	1.8100e-003	9.3000e-004	4.9134
Total	**0.0216**	**0.0640**	**0.1254**	**1.4000e-004**	**3.2800e-003**	**1.4000e-004**	**3.4200e-003**	**9.1000e-004**	**1.3000e-004**	**1.0500e-003**		**13.8934**	**13.8934**	**2.0500e-003**	**2.3800e-003**	**14.6557**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	64.0687					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**64.2395**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7300e-003	0.0568	0.0447	9.0000e-005	8.1000e-004	6.0000e-005	8.7000e-004	2.4000e-004	6.0000e-005	3.0000e-004		9.3031	9.3031	2.4000e-004	1.4500e-003	9.7423
Worker	0.0259	9.9700e-003	0.1110	6.0000e-005	3.3900e-003	1.1000e-004	3.5000e-003	9.3000e-004	1.0000e-004	1.0300e-003		6.3117	6.3117	2.4900e-003	1.2800e-003	6.7559
Total	**0.0286**	**0.0668**	**0.1556**	**1.5000e-004**	**4.2000e-003**	**1.7000e-004**	**4.3700e-003**	**1.1700e-003**	**1.6000e-004**	**1.3300e-003**		**15.6148**	**15.6148**	**2.7300e-003**	**2.7300e-003**	**16.4982**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	64.0687					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**64.2395**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7300e-003	0.0568	0.0447	9.0000e-005	8.1000e-004	6.0000e-005	8.7000e-004	2.4000e-004	6.0000e-005	3.0000e-004		9.3031	9.3031	2.4000e-004	1.4500e-003	9.7423
Worker	0.0259	9.9700e-003	0.1110	6.0000e-005	3.3900e-003	1.1000e-004	3.5000e-003	9.3000e-004	1.0000e-004	1.0300e-003		6.3117	6.3117	2.4900e-003	1.2800e-003	6.7559
Total	**0.0286**	**0.0668**	**0.1556**	**1.5000e-004**	**4.2000e-003**	**1.7000e-004**	**4.3700e-003**	**1.1700e-003**	**1.6000e-004**	**1.3300e-003**		**15.6148**	**15.6148**	**2.7300e-003**	**2.7300e-003**	**16.4982**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2414	1.5927	2.0058	2.6000e-003	0.0347	1.9600e-003	0.0366	9.4000e-003	1.8500e-003	0.0113		276.2196	276.2196	0.0209	0.0469	290.7084
Unmitigated	0.2414	1.5927	2.0058	2.6000e-003	0.0347	1.9600e-003	0.0366	9.4000e-003	1.8500e-003	0.0113		276.2196	276.2196	0.0209	0.0469	290.7084

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	93.16	93.16	93.16	6,443	6,443
Unrefrigerated Warehouse-Rail	139.74	139.74	139.74	9,165	9,165
Total	232.90	232.90	232.90	15,608	15,608

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	0.19	0.19	0.19	59.00	0.00	41.00	100	0	0
Unrefrigerated Warehouse-Rail	0.19	0.19	0.19	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Parking Lot	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.175000	0.047000	0.078000	0.700000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.703000	0.073000	0.224000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635
NaturalGas Unmitigated	8.0900e-003	0.0735	0.0618	4.4000e-004		5.5900e-003	5.5900e-003		5.5900e-003	5.5900e-003		88.2392	88.2392	1.6900e-003	1.6200e-003	88.7635

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	300.013	3.2400e-003	0.0294	0.0247	1.8000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003		35.2957	35.2957	6.8000e-004	6.5000e-004	35.5054
Unrefrigerated Warehouse-Rail	450.02	4.8500e-003	0.0441	0.0371	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.9435	52.9435	1.0100e-003	9.7000e-004	53.2581
Total		**8.0900e-003**	**0.0735**	**0.0618**	**4.4000e-004**		**5.5900e-003**	**5.5900e-003**		**5.5900e-003**	**5.5900e-003**		**88.2392**	**88.2392**	**1.6900e-003**	**1.6200e-003**	**88.7635**

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.300013	3.2400e-003	0.0294	0.0247	1.8000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003		35.2957	35.2957	6.8000e-004	6.5000e-004	35.5054
Unrefrigerated Warehouse-Rail	0.45002	4.8500e-003	0.0441	0.0371	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.9435	52.9435	1.0100e-003	9.7000e-004	53.2581
Total		**8.0900e-003**	**0.0735**	**0.0618**	**4.4000e-004**		**5.5900e-003**	**5.5900e-003**		**5.5900e-003**	**5.5900e-003**		**88.2392**	**88.2392**	**1.6900e-003**	**1.6200e-003**	**88.7635**

6.0 Area Detail

6.1 Mitigation Measures Area

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Unmitigated	3.0769	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9200e-003	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Total	**3.0769**	**1.9000e-004**	**0.0209**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0449**	**0.0449**	**1.2000e-004**		**0.0478**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9200e-003	1.9000e-004	0.0209	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0449	0.0449	1.2000e-004		0.0478
Total	**3.0769**	**1.9000e-004**	**0.0209**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0449**	**0.0449**	**1.2000e-004**		**0.0478**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	16	8.00	260	89	0.20	Diesel
Other Material Handling Equipment	1	8.00	260	200	0.40	Diesel

Alice Ave Warehouse Project LST - San Bernardino-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Forklifts	1.3902	13.0966	18.1400	0.0245		0.7011	0.7011		0.6450	0.6450	0.0000	2,368.4933	2,368.4933	0.7660		2,387.6438
Other Material Handling Equipment	0.2818	2.5024	1.6893	6.8700e-003		0.0846	0.0846		0.0779	0.0779	0.0000	665.2415	665.2415	0.2152		670.6204
Total	**1.6720**	**15.5990**	**19.8293**	**0.0313**		**0.7858**	**0.7858**		**0.7229**	**0.7229**	**0.0000**	**3,033.7348**	**3,033.7348**	**0.9812**		**3,058.2641**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Appendix A-2
Health Risk Assessment

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Alice Willow Warehouse Project

Construction HRA

Project Construction Emissions

	Unmitigated
Year	DPM tons/year
2023	0.0902
2024	0.0096
Total	**0.100**
Total Lbs	**199.680**
Lbs/year	**162.240**
Lbs/hour	**0.08**

MEIR Risk	Unmitigated
Cancer (persons in a million)	**1.57**
Chronic	**0.0015**

Conversions:

1 ton =	2,000	lb		
Construction =	8	hours/day	Project Construction:	320 active days
	2080	hours/year		1.23 years
	260	days/year		
	12	months		

AERMOD Assumptions

Source Name	Description	Emission Rate g/s	Release Height m	Plume Height m	Plume Width m
SLINE1	Equipment and Truck Exhaust	1.00	5.00	10.00	10.00

Receptors

Grid Sizes	Spacing
1.5 km x 1.5 km	25 m

Meteorological Data

Station Name		Years	Lat	Long	Elev (m)
Fontana	Fontana	2011-2013, 2015-2016	34.1001	-117.492	367

http://www.aqmd.gov/home/air-quality/meteorological-data/aermod-table-1

Other Model Assumption

Rural or Urban	Urban
Urban Grp Pop	2,035,210
Terrain Data	NED 1
Lakes Version	11.2
AERMOD Version	22112

Alice Willow Warehouse Project

Operational HRA

Diesel Truck and Forklift Travel, Truck Idling (Line Volume Sources):

AERMOD Source Name	Description	Release Height (m)	Plume Height (m)	Plume Width (m)	Length of Source (m)	Distance (mi)	Avg. Daily Trips (trips/day)	Annual Trips (trips/year)	Modeled Annual VMT (VMT/year)	Idling Minutes per Day (min/day)	Running PM10 Exhaust (lb/mile)	Idling PM10 (g/min/vehicle)	DPM (lb/hr)	DPM (lb/yr)
TRUCK1	Trucks arriving from West I-10	3.4	6.8	9.7	2,417.30	1.50	28.50	10,374.00	15,582.17	--	0.00005	--	0.0001	0.71
TRUCK2	Trucks departing to West I-10	3.4	6.8	9.7	3,075.40	1.91	28.50	10,374.00	19,824.35	--	0.00005	--	0.0001	0.91
TRUCK3	Trucks arriving from East I-10	3.4	6.8	9.7	1,654.70	1.03	19.00	6,916.00	7,110.91	--	0.00005	--	0.0000	0.33
TRUCK4	Trucks departing to East I-10	3.4	6.8	9.7	2,302.10	1.43	19.00	6,916.00	9,893.05	--	0.00005	--	0.0001	0.45
YTRK	Yard trucks around buildings	3.4	6.8	9.7	--	--	--	--	--	--	--	--	0.0025	22.00
LIFT	Forklifts around buildings	3.4	6.8	9.7	--	--	--	--	--	--	--	--	0.0208	182.20
IDLE	Truck idling in loading docks	3.4	6.8	3.7	--	--	--	--	--				0.0001	0.77

Notes: For all trucks and lifts, release parameters based on EPA PM Hotspots Guidance (2021). Idling truck plume width assumes one loading bay/truck width.
Mitigated scenario will not include the Yard Trucks or Forklifts, since they will be electrically powered

MEIR Risk	Unmitigated
Cancer (persons in a million)	**6.37**
Chronic	**0.0017**

Conversions:

1 lb =	453.6	g
1 m =	3.28	feet
1 mile =	1609.344	m
1 yr =	8,760	hours

AERMOD Assumptions

Receptors

Grid Sizes	Spacing
1.5 km x 1.5 km	25 m

Meteorological Data

Station Name		Years	Lat	Long	Elev (m)
Fontana	Fontana	2011-2013, 2015-2016	34.1001	-117.492	367

http://www.aqmd.gov/home/air-quality/meteorological-data/aermod-table-1

Other Model Assumption

Rural or Urban	Urban
Urban Grp Pop	2,035,210
Terrain Data	NED 1
Lakes Version	11.2
AERMOD Version	22112

CalEEMod Results			CalEEMod Results			CalEEMod Results		
Trucks	Exhaust PM10		Forklifts	Exhaust PM10		YrdTruck	Exhaust PM10	
	3.10E-02	TPY		0.0911	TPY		0.0110	TPY
	62.00	lb/yr		182.20	lb/yr		22.00	lb/yr
	1.36E+06	VMT/yr		2.08E-02	lb/hr		2.51E-03	lb/hr
	4.57E-05	lb/mile						

Alice Willow Warehouse Project
Idling Emissions

Region	CalYr	VehClass	Mdl Year	Speed	Fuel	Population	PM10_IDLEX	Hours per day	Diesel vehicles per day	Idling Emissions			
							(g/vehicle-idle-hour)			g/day	lb/day	lb/year	lb/hour
San Bernardino (SC)	2024	HHDT	Aggregated	Aggregated	DSL	14231.95658	0.015379749	0.25	57	0.2188105	0.0004824	0.176071	0.0000201
San Bernardino (SC)	2024	LHDT1	Aggregated	Aggregated	DSL	11382.09786	0.795345452	0.25	1	0.1988364	0.0004384	0.159998	0.0000183
San Bernardino (SC)	2024	LHDT2	Aggregated	Aggregated	DSL	4825.532255	0.796580705	0.25	1	0.1991452	0.0004390	0.160247	0.0000183
San Bernardino (SC)	2024	MHDT	Aggregated	Aggregated	DSL	14946.4736	0.056874965	0.25	24	0.3446501	0.0007598	0.277331	0.0000317
								Totals	**83**	**0.961**	**0.002**	**0.774**	**0.000**

Note: Total vehicles per day based % of diesel vehicle population per truck category in County multiplied by the project truck trips

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2024
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Y	Vehicle Cat	Model Year	Speed	Fuel	Population	Vehicle Split	
San Bernardino (SC)	2024	HHDT	Aggregate	Aggregate	Gasoline	5.565987525	HHDT% Gas/Elect/NG	15.06%
San Bernardino (SC)	2024	HHDT	Aggregate	Aggregate	Diesel	14231.95658	HHDT% Diesel	84.94%
San Bernardino (SC)	2024	HHDT	Aggregate	Aggregate	Electricity	48.62871821	LHDT1% Gas/Elect/NG	60.22%
San Bernardino (SC)	2024	HHDT	Aggregate	Aggregate	Natural Gas	2469.470738	LHDT1% Diesel	39.78%
San Bernardino (SC)	2024	LHDT1	Aggregate	Aggregate	Gasoline	17179.49082	LHDT2% Gas/Elect/NG	37.52%
San Bernardino (SC)	2024	LHDT1	Aggregate	Aggregate	Diesel	11382.09786	LHDT2% Diesel	62.48%
San Bernardino (SC)	2024	LHDT1	Aggregate	Aggregate	Electricity	52.7403112	MHDT% Gas/Elect/NG	10.23%
San Bernardino (SC)	2024	LHDT2	Aggregate	Aggregate	Gasoline	2883.702401	MHDT% Diesel	89.77%
San Bernardino (SC)	2024	LHDT2	Aggregate	Aggregate	Diesel	4825.532255		
San Bernardino (SC)	2024	LHDT2	Aggregate	Aggregate	Electricity	13.65084178		
San Bernardino (SC)	2024	MHDT	Aggregate	Aggregate	Gasoline	1460.602089		
San Bernardino (SC)	2024	MHDT	Aggregate	Aggregate	Diesel	14946.4736		
San Bernardino (SC)	2024	MHDT	Aggregate	Aggregate	Electricity	46.13645649		
San Bernardino (SC)	2024	MHDT	Aggregate	Aggregate	Natural Gas	195.6757264		

Project-Level Run for Idling Emissions (g/vehicle-idle-hour)

calendar_year	season_mo	sub_area	vehicle_clas	fuel	temperature	relative_humidit	process	speed_time	pollutant	emission_rate
2024	Annual	San Bernar	HHDT	Dsl			IDLEX		PM10	0.015379749
2024	Annual	San Bernar	LHDT1	Dsl			IDLEX		PM10	0.795345452
2024	Annual	San Bernar	LHDT2	Dsl			IDLEX		PM10	0.796580705
2024	Annual	San Bernar	MHDT	Dsl			IDLEX		PM10	0.056874965

Alice Willow Warehouse Project Construction

*HARP - HRACalc v22118 1/12/2023 1:03:34 PM - Cancer Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
317	ALL		465946.3	3770442	1.57E-06	1.23YrCanc	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL		465971.3	3770442	1.56E-06	1.23YrCanc	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL		465921.3	3770442	1.56E-06	1.23YrCanc	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL		465996.3	3770442	1.55E-06	1.23YrCanc	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL		465896.3	3770442	1.54E-06	1.23YrCanc	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL		466021.3	3770442	1.54E-06	1.23YrCanc	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL		465871.3	3770442	1.53E-06	1.23YrCanc	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL		465071.3	3770117	1.45E-06	1.23YrCanc	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL		465971.3	3770467	1.44E-06	1.23YrCanc	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL		465996.3	3770467	1.44E-06	1.23YrCanc	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL		466021.3	3770467	1.43E-06	1.23YrCanc	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL		465946.3	3770467	1.43E-06	1.23YrCanc	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL		465121.3	3770192	1.43E-06	1.23YrCanc	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL		465921.3	3770467	1.42E-06	1.23YrCanc	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL		465896.3	3770467	1.40E-06	1.23YrCanc	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL		465871.3	3770467	1.38E-06	1.23YrCanc	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL		465071.3	3770142	1.38E-06	1.23YrCanc	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		465021.3	3770067	1.34E-06	1.23YrCanc	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		465046.3	3770117	1.34E-06	1.23YrCanc	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL		465121.3	3770217	1.33E-06	1.23YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL		465096.3	3770192	1.33E-06	1.23YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL		465996.3	3770492	1.33E-06	1.23YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL		466021.3	3770492	1.33E-06	1.23YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL		465971.3	3770492	1.32E-06	1.23YrCanc	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL		465946.3	3770492	1.31E-06	1.23YrCanc	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL		465071.3	3770167	1.31E-06	1.23YrCanc	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL		465921.3	3770492	1.29E-06	1.23YrCanc	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		465021.3	3770092	1.29E-06	1.23YrCanc	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL		465046.3	3770142	1.27E-06	1.23YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL		465896.3	3770492	1.27E-06	1.23YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL		465871.3	3770492	1.25E-06	1.23YrCanc	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL		465096.3	3770217	1.24E-06	1.23YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL		465121.3	3770242	1.24E-06	1.23YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL		465071.3	3770192	1.24E-06	1.23YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		465021.3	3770117	1.23E-06	1.23YrCanc	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL		466021.3	3770517	1.23E-06	1.23YrCanc	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		464996.3	3770067	1.22E-06	1.23YrCanc	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL		465996.3	3770517	1.22E-06	1.23YrCanc	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL		465971.3	3770517	1.21E-06	1.23YrCanc	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL		465046.3	3770167	1.21E-06	1.23YrCanc	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL		465946.3	3770517	1.20E-06	1.23YrCanc	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL		465921.3	3770517	1.18E-06	1.23YrCanc	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL		465021.3	3770142	1.18E-06	1.23YrCanc	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL		465121.3	3770267	1.17E-06	1.23YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

82	ALL	464996.3	3770092	1.17E-06	1.23YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	465896.3	3770517	1.16E-06	1.23YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	465096.3	3770242	1.16E-06	1.23YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	465071.3	3770217	1.16E-06	1.23YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	465046.3	3770192	1.15E-06	1.23YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	465871.3	3770517	1.15E-06	1.23YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	466021.3	3770542	1.13E-06	1.23YrCanc	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	465996.3	3770542	1.13E-06	1.23YrCanc	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	464996.3	3770117	1.12E-06	1.23YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	465021.3	3770167	1.12E-06	1.23YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	465971.3	3770542	1.12E-06	1.23YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	464971.3	3770067	1.11E-06	1.23YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	465121.3	3770292	1.11E-06	1.23YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	465946.3	3770542	1.10E-06	1.23YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	465096.3	3770267	1.10E-06	1.23YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	465071.3	3770242	1.09E-06	1.23YrCanc	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	465046.3	3770217	1.09E-06	1.23YrCanc	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	465921.3	3770542	1.08E-06	1.23YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	464996.3	3770142	1.08E-06	1.23YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	465121.3	3770317	1.07E-06	1.23YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	464971.3	3770092	1.07E-06	1.23YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	465021.3	3770192	1.07E-06	1.23YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	465896.3	3770542	1.06E-06	1.23YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	466021.3	3770567	1.05E-06	1.23YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	465871.3	3770542	1.04E-06	1.23YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	465996.3	3770567	1.04E-06	1.23YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	465096.3	3770292	1.04E-06	1.23YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	465121.3	3770342	1.04E-06	1.23YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	464996.3	3770167	1.03E-06	1.23YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	464971.3	3770117	1.03E-06	1.23YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	465971.3	3770567	1.03E-06	1.23YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	465071.3	3770267	1.03E-06	1.23YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	465046.3	3770242	1.02E-06	1.23YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	464946.3	3770067	1.02E-06	1.23YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	465946.3	3770567	1.02E-06	1.23YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	465021.3	3770217	1.01E-06	1.23YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	465096.3	3770317	9.99E-07	1.23YrCanc	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	465921.3	3770567	9.95E-07	1.23YrCanc	9.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	464971.3	3770142	9.92E-07	1.23YrCanc	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	464996.3	3770192	9.90E-07	1.23YrCanc	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	464946.3	3770092	9.84E-07	1.23YrCanc	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	465096.3	3770342	9.77E-07	1.23YrCanc	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	465071.3	3770292	9.76E-07	1.23YrCanc	9.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	466021.3	3770592	9.71E-07	1.23YrCanc	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	465896.3	3770567	9.71E-07	1.23YrCanc	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	465046.3	3770267	9.69E-07	1.23YrCanc	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	465996.3	3770592	9.62E-07	1.23YrCanc	9.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	465021.3	3770242	9.58E-07	1.23YrCanc	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

127	ALL	464971.3	3770167	9.58E-07	1.23YrCanc	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	464946.3	3770117	9.55E-07	1.23YrCanc	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	465871.3	3770567	9.54E-07	1.23YrCanc	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	464921.3	3770067	9.53E-07	1.23YrCanc	9.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL	465946.3	3769367	9.52E-07	1.23YrCanc	9.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	465971.3	3770592	9.50E-07	1.23YrCanc	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	465071.3	3770317	9.41E-07	1.23YrCanc	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	464996.3	3770217	9.41E-07	1.23YrCanc	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	465946.3	3770592	9.36E-07	1.23YrCanc	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	464946.3	3770142	9.24E-07	1.23YrCanc	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL	465971.3	3769367	9.21E-07	1.23YrCanc	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	464971.3	3770192	9.21E-07	1.23YrCanc	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	465046.3	3770292	9.21E-07	1.23YrCanc	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	465071.3	3770342	9.21E-07	1.23YrCanc	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	464921.3	3770092	9.20E-07	1.23YrCanc	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	465921.3	3770592	9.15E-07	1.23YrCanc	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	465021.3	3770267	9.12E-07	1.23YrCanc	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL	465946.3	3769342	9.04E-07	1.23YrCanc	9.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	466021.3	3770617	9.00E-07	1.23YrCanc	9.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	464946.3	3770167	8.95E-07	1.23YrCanc	8.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	464896.3	3770067	8.94E-07	1.23YrCanc	8.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	464921.3	3770117	8.94E-07	1.23YrCanc	8.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	465896.3	3770592	8.94E-07	1.23YrCanc	8.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	464996.3	3770242	8.92E-07	1.23YrCanc	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL	465996.3	3769367	8.91E-07	1.23YrCanc	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	465996.3	3770617	8.90E-07	1.23YrCanc	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	465046.3	3770317	8.83E-07	1.23YrCanc	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	464971.3	3770217	8.79E-07	1.23YrCanc	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL	465971.3	3769342	8.78E-07	1.23YrCanc	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	465871.3	3770592	8.78E-07	1.23YrCanc	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	465971.3	3770617	8.77E-07	1.23YrCanc	8.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	465021.3	3770292	8.68E-07	1.23YrCanc	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	464921.3	3770142	8.67E-07	1.23YrCanc	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	464896.3	3770092	8.64E-07	1.23YrCanc	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	464946.3	3770192	8.63E-07	1.23YrCanc	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	465946.3	3770617	8.62E-07	1.23YrCanc	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	466021.3	3769367	8.61E-07	1.23YrCanc	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL	465946.3	3769317	8.60E-07	1.23YrCanc	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	465046.3	3770342	8.55E-07	1.23YrCanc	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	464996.3	3770267	8.53E-07	1.23YrCanc	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL	465996.3	3769342	8.53E-07	1.23YrCanc	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	465921.3	3770617	8.44E-07	1.23YrCanc	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	464896.3	3770117	8.40E-07	1.23YrCanc	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	464871.3	3770067	8.40E-07	1.23YrCanc	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	464921.3	3770167	8.40E-07	1.23YrCanc	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL	465971.3	3769317	8.39E-07	1.23YrCanc	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	464971.3	3770242	8.38E-07	1.23YrCanc	8.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	466046.3	3769367	8.32E-07	1.23YrCanc	8.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

235	ALL	465021.3	3770317	8.28E-07	1.23YrCanc	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL	466021.3	3769342	8.26E-07	1.23YrCanc	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	465896.3	3770617	8.26E-07	1.23YrCanc	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	464946.3	3770217	8.25E-07	1.23YrCanc	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL	465946.3	3769292	8.22E-07	1.23YrCanc	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL	465996.3	3769317	8.16E-07	1.23YrCanc	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	464896.3	3770142	8.16E-07	1.23YrCanc	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	464871.3	3770092	8.13E-07	1.23YrCanc	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	464996.3	3770292	8.12E-07	1.23YrCanc	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	464921.3	3770192	8.12E-07	1.23YrCanc	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	465871.3	3770617	8.11E-07	1.23YrCanc	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	464971.3	3770267	8.03E-07	1.23YrCanc	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	466071.3	3769367	8.03E-07	1.23YrCanc	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL	465971.3	3769292	7.99E-07	1.23YrCanc	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL	466046.3	3769342	7.99E-07	1.23YrCanc	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	464871.3	3770117	7.92E-07	1.23YrCanc	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	464896.3	3770167	7.92E-07	1.23YrCanc	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL	466021.3	3769317	7.92E-07	1.23YrCanc	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	465021.3	3770342	7.91E-07	1.23YrCanc	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	464846.3	3770067	7.91E-07	1.23YrCanc	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	464946.3	3770242	7.89E-07	1.23YrCanc	7.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL	465946.3	3769267	7.87E-07	1.23YrCanc	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL	465996.3	3769292	7.81E-07	1.23YrCanc	7.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	464921.3	3770217	7.78E-07	1.23YrCanc	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	466096.3	3769367	7.75E-07	1.23YrCanc	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	464996.3	3770317	7.73E-07	1.23YrCanc	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL	466071.3	3769342	7.72E-07	1.23YrCanc	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	464871.3	3770142	7.70E-07	1.23YrCanc	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL	466046.3	3769317	7.67E-07	1.23YrCanc	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	464846.3	3770092	7.67E-07	1.23YrCanc	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	464896.3	3770192	7.66E-07	1.23YrCanc	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL	465971.3	3769267	7.65E-07	1.23YrCanc	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	464971.3	3770292	7.64E-07	1.23YrCanc	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	464946.3	3770267	7.60E-07	1.23YrCanc	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL	466021.3	3769292	7.59E-07	1.23YrCanc	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	465021.3	3770367	7.57E-07	1.23YrCanc	7.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	464846.3	3770117	7.49E-07	1.23YrCanc	7.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	464871.3	3770167	7.49E-07	1.23YrCanc	7.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	464821.3	3770067	7.49E-07	1.23YrCanc	7.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	466121.3	3769367	7.48E-07	1.23YrCanc	7.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL	465996.3	3769267	7.47E-07	1.23YrCanc	7.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL	466096.3	3769342	7.46E-07	1.23YrCanc	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	464921.3	3770242	7.45E-07	1.23YrCanc	7.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL	466071.3	3769317	7.43E-07	1.23YrCanc	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	464996.3	3770342	7.38E-07	1.23YrCanc	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL	466046.3	3769292	7.38E-07	1.23YrCanc	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	464896.3	3770217	7.36E-07	1.23YrCanc	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	464846.3	3770142	7.29E-07	1.23YrCanc	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

75	ALL	464821.3	3770092	7.28E-07	1.23YrCanc	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL	466021.3	3769267	7.28E-07	1.23YrCanc	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	464946.3	3770292	7.27E-07	1.23YrCanc	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	464971.3	3770317	7.27E-07	1.23YrCanc	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	464871.3	3770192	7.25E-07	1.23YrCanc	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	465021.3	3770392	7.24E-07	1.23YrCanc	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	466146.3	3769367	7.23E-07	1.23YrCanc	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL	466121.3	3769342	7.22E-07	1.23YrCanc	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL	466096.3	3769317	7.19E-07	1.23YrCanc	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	464921.3	3770267	7.16E-07	1.23YrCanc	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL	466071.3	3769292	7.15E-07	1.23YrCanc	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	464796.3	3770067	7.14E-07	1.23YrCanc	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	464821.3	3770117	7.12E-07	1.23YrCanc	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	464846.3	3770167	7.09E-07	1.23YrCanc	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL	466046.3	3769267	7.09E-07	1.23YrCanc	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	464996.3	3770367	7.05E-07	1.23YrCanc	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	464896.3	3770242	7.05E-07	1.23YrCanc	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL	466146.3	3769342	6.98E-07	1.23YrCanc	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	466171.3	3769367	6.98E-07	1.23YrCanc	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	464871.3	3770217	6.97E-07	1.23YrCanc	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	464796.3	3770092	6.97E-07	1.23YrCanc	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL	466121.3	3769317	6.96E-07	1.23YrCanc	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL	466096.3	3769292	6.93E-07	1.23YrCanc	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	464821.3	3770142	6.93E-07	1.23YrCanc	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	464946.3	3770317	6.93E-07	1.23YrCanc	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	464971.3	3770342	6.92E-07	1.23YrCanc	6.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	465021.3	3770417	6.91E-07	1.23YrCanc	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL	466071.3	3769267	6.89E-07	1.23YrCanc	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	464846.3	3770192	6.88E-07	1.23YrCanc	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	464921.3	3770292	6.83E-07	1.23YrCanc	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	464796.3	3770117	6.80E-07	1.23YrCanc	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	464771.3	3770067	6.80E-07	1.23YrCanc	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	464896.3	3770267	6.78E-07	1.23YrCanc	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	464996.3	3770392	6.76E-07	1.23YrCanc	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL	466171.3	3769342	6.75E-07	1.23YrCanc	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL	466146.3	3769317	6.75E-07	1.23YrCanc	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	466196.3	3769367	6.74E-07	1.23YrCanc	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	464821.3	3770167	6.74E-07	1.23YrCanc	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL	466121.3	3769292	6.72E-07	1.23YrCanc	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL	466096.3	3769267	6.69E-07	1.23YrCanc	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	464871.3	3770242	6.68E-07	1.23YrCanc	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	464771.3	3770092	6.64E-07	1.23YrCanc	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	464846.3	3770217	6.62E-07	1.23YrCanc	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	464946.3	3770342	6.61E-07	1.23YrCanc	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	464796.3	3770142	6.61E-07	1.23YrCanc	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	464971.3	3770367	6.60E-07	1.23YrCanc	6.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	465021.3	3770442	6.57E-07	1.23YrCanc	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL	466171.3	3769317	6.53E-07	1.23YrCanc	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

44	ALL	466196.3	3769342	6.53E-07	1.23YrCanc	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	464821.3	3770192	6.52E-07	1.23YrCanc	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL	466146.3	3769292	6.52E-07	1.23YrCanc	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	464921.3	3770317	6.51E-07	1.23YrCanc	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL	466121.3	3769267	6.49E-07	1.23YrCanc	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	464771.3	3770117	6.47E-07	1.23YrCanc	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	464896.3	3770292	6.47E-07	1.23YrCanc	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	464746.3	3770067	6.47E-07	1.23YrCanc	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	464871.3	3770267	6.46E-07	1.23YrCanc	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	464996.3	3770417	6.45E-07	1.23YrCanc	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	464796.3	3770167	6.40E-07	1.23YrCanc	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	464846.3	3770242	6.35E-07	1.23YrCanc	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL	466196.3	3769317	6.32E-07	1.23YrCanc	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL	466171.3	3769292	6.32E-07	1.23YrCanc	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	464746.3	3770092	6.31E-07	1.23YrCanc	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	464946.3	3770367	6.31E-07	1.23YrCanc	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	464971.3	3770392	6.31E-07	1.23YrCanc	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL	466146.3	3769267	6.30E-07	1.23YrCanc	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	464771.3	3770142	6.28E-07	1.23YrCanc	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	464821.3	3770217	6.27E-07	1.23YrCanc	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	465021.3	3770467	6.25E-07	1.23YrCanc	6.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	464921.3	3770342	6.22E-07	1.23YrCanc	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	464871.3	3770292	6.21E-07	1.23YrCanc	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	464796.3	3770192	6.18E-07	1.23YrCanc	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	464896.3	3770317	6.17E-07	1.23YrCanc	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	464996.3	3770442	6.15E-07	1.23YrCanc	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	464721.3	3770067	6.15E-07	1.23YrCanc	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	464746.3	3770117	6.15E-07	1.23YrCanc	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	464846.3	3770267	6.13E-07	1.23YrCanc	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL	466196.3	3769292	6.13E-07	1.23YrCanc	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL	466171.3	3769267	6.12E-07	1.23YrCanc	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	464771.3	3770167	6.08E-07	1.23YrCanc	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	464946.3	3770392	6.02E-07	1.23YrCanc	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	464821.3	3770242	6.01E-07	1.23YrCanc	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	464971.3	3770417	6.01E-07	1.23YrCanc	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	464721.3	3770092	6.00E-07	1.23YrCanc	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	464746.3	3770142	5.97E-07	1.23YrCanc	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	464796.3	3770217	5.95E-07	1.23YrCanc	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	464871.3	3770317	5.95E-07	1.23YrCanc	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	464921.3	3770367	5.94E-07	1.23YrCanc	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	465021.3	3770492	5.94E-07	1.23YrCanc	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL	466196.3	3769267	5.93E-07	1.23YrCanc	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	464896.3	3770342	5.92E-07	1.23YrCanc	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	464846.3	3770292	5.89E-07	1.23YrCanc	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	464996.3	3770467	5.87E-07	1.23YrCanc	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	464771.3	3770192	5.87E-07	1.23YrCanc	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	464696.3	3770067	5.85E-07	1.23YrCanc	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	464721.3	3770117	5.84E-07	1.23YrCanc	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

191	ALL	464821.3	3770267	5.82E-07	1.23YrCanc	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	464746.3	3770167	5.79E-07	1.23YrCanc	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	464946.3	3770417	5.76E-07	1.23YrCanc	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	464971.3	3770442	5.74E-07	1.23YrCanc	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	464796.3	3770242	5.71E-07	1.23YrCanc	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	464871.3	3770342	5.71E-07	1.23YrCanc	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	464696.3	3770092	5.71E-07	1.23YrCanc	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	464921.3	3770392	5.68E-07	1.23YrCanc	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	464721.3	3770142	5.68E-07	1.23YrCanc	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	464896.3	3770367	5.67E-07	1.23YrCanc	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	464771.3	3770217	5.66E-07	1.23YrCanc	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	464846.3	3770317	5.66E-07	1.23YrCanc	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	465021.3	3770517	5.65E-07	1.23YrCanc	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	464996.3	3770492	5.60E-07	1.23YrCanc	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	464821.3	3770292	5.60E-07	1.23YrCanc	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	464746.3	3770192	5.59E-07	1.23YrCanc	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	464696.3	3770117	5.56E-07	1.23YrCanc	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	464796.3	3770267	5.55E-07	1.23YrCanc	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	464946.3	3770442	5.52E-07	1.23YrCanc	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	464721.3	3770167	5.51E-07	1.23YrCanc	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	464971.3	3770467	5.50E-07	1.23YrCanc	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	464871.3	3770367	5.48E-07	1.23YrCanc	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	464921.3	3770417	5.45E-07	1.23YrCanc	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	464771.3	3770242	5.44E-07	1.23YrCanc	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	464846.3	3770342	5.44E-07	1.23YrCanc	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	464896.3	3770392	5.44E-07	1.23YrCanc	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	464696.3	3770142	5.41E-07	1.23YrCanc	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	464746.3	3770217	5.39E-07	1.23YrCanc	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	464821.3	3770317	5.38E-07	1.23YrCanc	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	465021.3	3770542	5.38E-07	1.23YrCanc	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	464796.3	3770292	5.38E-07	1.23YrCanc	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	464996.3	3770517	5.35E-07	1.23YrCanc	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	464721.3	3770192	5.33E-07	1.23YrCanc	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	464946.3	3770467	5.30E-07	1.23YrCanc	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	464771.3	3770267	5.30E-07	1.23YrCanc	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	464971.3	3770492	5.28E-07	1.23YrCanc	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	464871.3	3770392	5.26E-07	1.23YrCanc	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	464696.3	3770167	5.26E-07	1.23YrCanc	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	464921.3	3770442	5.24E-07	1.23YrCanc	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	464846.3	3770367	5.23E-07	1.23YrCanc	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	464896.3	3770417	5.22E-07	1.23YrCanc	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	464796.3	3770317	5.20E-07	1.23YrCanc	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	464821.3	3770342	5.20E-07	1.23YrCanc	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	464746.3	3770242	5.19E-07	1.23YrCanc	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	464721.3	3770217	5.14E-07	1.23YrCanc	5.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	464771.3	3770292	5.13E-07	1.23YrCanc	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	465021.3	3770567	5.13E-07	1.23YrCanc	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	464996.3	3770542	5.12E-07	1.23YrCanc	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

352	ALL	464946.3	3770492	5.10E-07	1.23YrCanc	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	464696.3	3770192	5.10E-07	1.23YrCanc	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	464971.3	3770517	5.07E-07	1.23YrCanc	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	464746.3	3770267	5.06E-07	1.23YrCanc	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	464871.3	3770417	5.05E-07	1.23YrCanc	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	464921.3	3770467	5.05E-07	1.23YrCanc	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	464796.3	3770342	5.04E-07	1.23YrCanc	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	464846.3	3770392	5.03E-07	1.23YrCanc	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	464821.3	3770367	5.02E-07	1.23YrCanc	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	464896.3	3770442	5.02E-07	1.23YrCanc	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	464771.3	3770317	4.98E-07	1.23YrCanc	4.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	464721.3	3770242	4.96E-07	1.23YrCanc	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	464696.3	3770217	4.92E-07	1.23YrCanc	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	464996.3	3770567	4.91E-07	1.23YrCanc	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	464946.3	3770517	4.91E-07	1.23YrCanc	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	464746.3	3770292	4.90E-07	1.23YrCanc	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	464796.3	3770367	4.89E-07	1.23YrCanc	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	465021.3	3770592	4.89E-07	1.23YrCanc	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	464971.3	3770542	4.88E-07	1.23YrCanc	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	464921.3	3770492	4.87E-07	1.23YrCanc	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	464871.3	3770442	4.86E-07	1.23YrCanc	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	464771.3	3770342	4.85E-07	1.23YrCanc	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	464821.3	3770392	4.84E-07	1.23YrCanc	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	464896.3	3770467	4.84E-07	1.23YrCanc	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	464721.3	3770267	4.84E-07	1.23YrCanc	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	464846.3	3770417	4.83E-07	1.23YrCanc	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	464696.3	3770242	4.76E-07	1.23YrCanc	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	464746.3	3770317	4.75E-07	1.23YrCanc	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	464946.3	3770542	4.73E-07	1.23YrCanc	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	464796.3	3770392	4.72E-07	1.23YrCanc	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	464971.3	3770567	4.72E-07	1.23YrCanc	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	464996.3	3770592	4.70E-07	1.23YrCanc	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	464771.3	3770367	4.70E-07	1.23YrCanc	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	464921.3	3770517	4.69E-07	1.23YrCanc	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	464721.3	3770292	4.69E-07	1.23YrCanc	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	464871.3	3770467	4.69E-07	1.23YrCanc	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	464896.3	3770492	4.67E-07	1.23YrCanc	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	464821.3	3770417	4.66E-07	1.23YrCanc	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	464846.3	3770442	4.65E-07	1.23YrCanc	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	465021.3	3770617	4.64E-07	1.23YrCanc	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	464746.3	3770342	4.63E-07	1.23YrCanc	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	464696.3	3770267	4.63E-07	1.23YrCanc	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	464946.3	3770567	4.57E-07	1.23YrCanc	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	464796.3	3770417	4.56E-07	1.23YrCanc	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	464721.3	3770317	4.55E-07	1.23YrCanc	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	464971.3	3770592	4.54E-07	1.23YrCanc	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	464921.3	3770542	4.53E-07	1.23YrCanc	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	464771.3	3770392	4.53E-07	1.23YrCanc	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

349	ALL	464871.3	3770492	4.53E-07	1.23YrCanc	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	464896.3	3770517	4.50E-07	1.23YrCanc	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	464696.3	3770292	4.50E-07	1.23YrCanc	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	464746.3	3770367	4.49E-07	1.23YrCanc	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	464821.3	3770442	4.49E-07	1.23YrCanc	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	464846.3	3770467	4.49E-07	1.23YrCanc	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	464996.3	3770617	4.47E-07	1.23YrCanc	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	464721.3	3770342	4.44E-07	1.23YrCanc	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	465021.3	3770642	4.41E-07	1.23YrCanc	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	464796.3	3770442	4.40E-07	1.23YrCanc	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	464771.3	3770417	4.40E-07	1.23YrCanc	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	464946.3	3770592	4.39E-07	1.23YrCanc	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	464921.3	3770567	4.39E-07	1.23YrCanc	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	464871.3	3770517	4.37E-07	1.23YrCanc	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	464696.3	3770317	4.37E-07	1.23YrCanc	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	464896.3	3770542	4.36E-07	1.23YrCanc	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	464846.3	3770492	4.34E-07	1.23YrCanc	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	464746.3	3770392	4.33E-07	1.23YrCanc	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	464821.3	3770467	4.33E-07	1.23YrCanc	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	464971.3	3770617	4.32E-07	1.23YrCanc	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	464721.3	3770367	4.31E-07	1.23YrCanc	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	464696.3	3770342	4.26E-07	1.23YrCanc	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	464996.3	3770642	4.24E-07	1.23YrCanc	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	464771.3	3770442	4.24E-07	1.23YrCanc	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	464796.3	3770467	4.24E-07	1.23YrCanc	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	464921.3	3770592	4.23E-07	1.23YrCanc	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	464871.3	3770542	4.23E-07	1.23YrCanc	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	464896.3	3770567	4.23E-07	1.23YrCanc	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	465021.3	3770667	4.21E-07	1.23YrCanc	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	464746.3	3770417	4.21E-07	1.23YrCanc	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	464846.3	3770517	4.19E-07	1.23YrCanc	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	464946.3	3770617	4.18E-07	1.23YrCanc	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	464821.3	3770492	4.17E-07	1.23YrCanc	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	464721.3	3770392	4.15E-07	1.23YrCanc	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	464696.3	3770367	4.13E-07	1.23YrCanc	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	464971.3	3770642	4.10E-07	1.23YrCanc	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	464871.3	3770567	4.09E-07	1.23YrCanc	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	464896.3	3770592	4.08E-07	1.23YrCanc	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	464796.3	3770492	4.08E-07	1.23YrCanc	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	464771.3	3770467	4.08E-07	1.23YrCanc	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	464996.3	3770667	4.07E-07	1.23YrCanc	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	464746.3	3770442	4.07E-07	1.23YrCanc	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	464846.3	3770542	4.05E-07	1.23YrCanc	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	464721.3	3770417	4.04E-07	1.23YrCanc	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	464921.3	3770617	4.04E-07	1.23YrCanc	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	464821.3	3770517	4.03E-07	1.23YrCanc	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	465021.3	3770692	4.01E-07	1.23YrCanc	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	464696.3	3770392	3.99E-07	1.23YrCanc	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

478	ALL	464946.3	3770642	3.98E-07	1.23YrCanc	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	464971.3	3770667	3.95E-07	1.23YrCanc	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	464771.3	3770492	3.94E-07	1.23YrCanc	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	464871.3	3770592	3.94E-07	1.23YrCanc	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	464796.3	3770517	3.94E-07	1.23YrCanc	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	464846.3	3770567	3.92E-07	1.23YrCanc	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	464721.3	3770442	3.91E-07	1.23YrCanc	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	464746.3	3770467	3.90E-07	1.23YrCanc	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	464896.3	3770617	3.90E-07	1.23YrCanc	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	464696.3	3770417	3.89E-07	1.23YrCanc	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	464821.3	3770542	3.88E-07	1.23YrCanc	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	464996.3	3770692	3.88E-07	1.23YrCanc	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	464921.3	3770642	3.85E-07	1.23YrCanc	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	464946.3	3770667	3.84E-07	1.23YrCanc	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	465021.3	3770717	3.82E-07	1.23YrCanc	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	464771.3	3770517	3.81E-07	1.23YrCanc	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	464796.3	3770542	3.79E-07	1.23YrCanc	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	464746.3	3770492	3.78E-07	1.23YrCanc	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	464846.3	3770592	3.78E-07	1.23YrCanc	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	464971.3	3770692	3.78E-07	1.23YrCanc	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	464871.3	3770617	3.77E-07	1.23YrCanc	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	464696.3	3770442	3.77E-07	1.23YrCanc	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	464721.3	3770467	3.76E-07	1.23YrCanc	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	464821.3	3770567	3.75E-07	1.23YrCanc	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	464896.3	3770642	3.72E-07	1.23YrCanc	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	464921.3	3770667	3.72E-07	1.23YrCanc	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	464996.3	3770717	3.70E-07	1.23YrCanc	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	464946.3	3770692	3.68E-07	1.23YrCanc	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	464771.3	3770542	3.67E-07	1.23YrCanc	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	464746.3	3770517	3.67E-07	1.23YrCanc	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	464796.3	3770567	3.66E-07	1.23YrCanc	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	464721.3	3770492	3.65E-07	1.23YrCanc	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	465021.3	3770742	3.65E-07	1.23YrCanc	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	464846.3	3770617	3.63E-07	1.23YrCanc	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	464696.3	3770467	3.62E-07	1.23YrCanc	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	464821.3	3770592	3.61E-07	1.23YrCanc	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	464871.3	3770642	3.60E-07	1.23YrCanc	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	464971.3	3770717	3.60E-07	1.23YrCanc	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	464896.3	3770667	3.59E-07	1.23YrCanc	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	464921.3	3770692	3.57E-07	1.23YrCanc	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	464771.3	3770567	3.54E-07	1.23YrCanc	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	464721.3	3770517	3.54E-07	1.23YrCanc	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	464996.3	3770742	3.53E-07	1.23YrCanc	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	464746.3	3770542	3.53E-07	1.23YrCanc	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	464796.3	3770592	3.53E-07	1.23YrCanc	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	464946.3	3770717	3.52E-07	1.23YrCanc	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	464696.3	3770492	3.52E-07	1.23YrCanc	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	465021.3	3770767	3.48E-07	1.23YrCanc	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

489	ALL	464871.3	3770667	3.48E-07	1.23YrCanc	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	464821.3	3770617	3.48E-07	1.23YrCanc	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	464846.3	3770642	3.47E-07	1.23YrCanc	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	464896.3	3770692	3.44E-07	1.23YrCanc	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	464971.3	3770742	3.44E-07	1.23YrCanc	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	464771.3	3770592	3.43E-07	1.23YrCanc	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	464696.3	3770517	3.42E-07	1.23YrCanc	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	464746.3	3770567	3.41E-07	1.23YrCanc	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	464921.3	3770717	3.41E-07	1.23YrCanc	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	464721.3	3770542	3.41E-07	1.23YrCanc	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	464796.3	3770617	3.39E-07	1.23YrCanc	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	464996.3	3770767	3.38E-07	1.23YrCanc	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	464946.3	3770742	3.38E-07	1.23YrCanc	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	464846.3	3770667	3.37E-07	1.23YrCanc	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	464821.3	3770642	3.35E-07	1.23YrCanc	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	464871.3	3770692	3.34E-07	1.23YrCanc	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	464746.3	3770592	3.31E-07	1.23YrCanc	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	464721.3	3770567	3.30E-07	1.23YrCanc	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	464971.3	3770767	3.30E-07	1.23YrCanc	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	464896.3	3770717	3.29E-07	1.23YrCanc	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	464696.3	3770542	3.29E-07	1.23YrCanc	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	464771.3	3770617	3.28E-07	1.23YrCanc	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	464921.3	3770742	3.27E-07	1.23YrCanc	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	464796.3	3770642	3.26E-07	1.23YrCanc	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	464846.3	3770692	3.25E-07	1.23YrCanc	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	464821.3	3770667	3.25E-07	1.23YrCanc	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	464946.3	3770767	3.24E-07	1.23YrCanc	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	464871.3	3770717	3.21E-07	1.23YrCanc	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	464721.3	3770592	3.20E-07	1.23YrCanc	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	464696.3	3770567	3.18E-07	1.23YrCanc	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	464746.3	3770617	3.17E-07	1.23YrCanc	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	464896.3	3770742	3.16E-07	1.23YrCanc	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	464921.3	3770767	3.15E-07	1.23YrCanc	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	464771.3	3770642	3.14E-07	1.23YrCanc	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	464796.3	3770667	3.14E-07	1.23YrCanc	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	464821.3	3770692	3.13E-07	1.23YrCanc	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	464846.3	3770717	3.12E-07	1.23YrCanc	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	464696.3	3770592	3.09E-07	1.23YrCanc	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	464871.3	3770742	3.08E-07	1.23YrCanc	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	464721.3	3770617	3.07E-07	1.23YrCanc	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	464771.3	3770667	3.04E-07	1.23YrCanc	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	464896.3	3770767	3.04E-07	1.23YrCanc	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	464746.3	3770642	3.02E-07	1.23YrCanc	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	464796.3	3770692	3.02E-07	1.23YrCanc	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	464846.3	3770742	3.01E-07	1.23YrCanc	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	464821.3	3770717	3.00E-07	1.23YrCanc	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	464871.3	3770767	2.97E-07	1.23YrCanc	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	464696.3	3770617	2.97E-07	1.23YrCanc	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

499	ALL	464771.3	3770692	2.94E-07	1.23YrCanc	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	464746.3	3770667	2.93E-07	1.23YrCanc	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	464721.3	3770642	2.92E-07	1.23YrCanc	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	464846.3	3770767	2.90E-07	1.23YrCanc	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	464821.3	3770742	2.90E-07	1.23YrCanc	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	464796.3	3770717	2.89E-07	1.23YrCanc	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	464746.3	3770692	2.84E-07	1.23YrCanc	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	464771.3	3770717	2.84E-07	1.23YrCanc	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	464721.3	3770667	2.83E-07	1.23YrCanc	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	464696.3	3770642	2.83E-07	1.23YrCanc	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	464821.3	3770767	2.80E-07	1.23YrCanc	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	464796.3	3770742	2.79E-07	1.23YrCanc	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	464696.3	3770667	2.76E-07	1.23YrCanc	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	464721.3	3770692	2.75E-07	1.23YrCanc	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	464746.3	3770717	2.74E-07	1.23YrCanc	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	464771.3	3770742	2.74E-07	1.23YrCanc	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	464796.3	3770767	2.70E-07	1.23YrCanc	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	464696.3	3770692	2.68E-07	1.23YrCanc	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	464721.3	3770717	2.66E-07	1.23YrCanc	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	464746.3	3770742	2.66E-07	1.23YrCanc	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	464771.3	3770767	2.65E-07	1.23YrCanc	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	464696.3	3770717	2.61E-07	1.23YrCanc	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	464721.3	3770742	2.59E-07	1.23YrCanc	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	464746.3	3770767	2.57E-07	1.23YrCanc	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	464696.3	3770742	2.54E-07	1.23YrCanc	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	464721.3	3770767	2.52E-07	1.23YrCanc	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	464696.3	3770767	2.48E-07	1.23YrCanc	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Alice Willow Warehouse Project Construction

*HARP - HRACalc v22118 1/12/2023 1:03:17 PM - Chronic Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
317	ALL		465946.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
318	ALL		465971.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
316	ALL		465921.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
319	ALL		465996.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
315	ALL		465896.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
320	ALL		466021.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
314	ALL		465871.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
99	ALL		465071.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
339	ALL		465971.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
340	ALL		465996.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
341	ALL		466021.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
338	ALL		465946.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
149	ALL		465121.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
337	ALL		465921.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
336	ALL		465896.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
335	ALL		465871.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
115	ALL		465071.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
69	ALL		465021.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
98	ALL		465046.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
167	ALL		465121.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
148	ALL		465096.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
361	ALL		465996.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
362	ALL		466021.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
360	ALL		465971.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
359	ALL		465946.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
131	ALL		465071.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
358	ALL		465921.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
83	ALL		465021.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
114	ALL		465046.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
357	ALL		465896.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
356	ALL		465871.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
166	ALL		465096.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
185	ALL		465121.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
147	ALL		465071.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
97	ALL		465021.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
383	ALL		466021.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
68	ALL		464996.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
382	ALL		465996.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
381	ALL		465971.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
130	ALL		465046.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
380	ALL		465946.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
379	ALL		465921.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
113	ALL		465021.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
203	ALL		465121.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
82	ALL		464996.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
378	ALL		465896.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
184	ALL		465096.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
165	ALL		465071.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
146	ALL		465046.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
377	ALL		465871.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
404	ALL		466021.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
403	ALL		465996.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
96	ALL		464996.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
129	ALL		465021.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
402	ALL		465971.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
67	ALL		464971.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
221	ALL		465121.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
401	ALL		465946.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03

202	ALL	465096.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
183	ALL	465071.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
164	ALL	465046.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
400	ALL	465921.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
112	ALL	464996.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04
239	ALL	465121.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
81	ALL	464971.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
145	ALL	465021.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-04
399	ALL	465896.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04
425	ALL	466021.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04
398	ALL	465871.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
424	ALL	465996.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04
220	ALL	465096.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04
257	ALL	465121.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04
128	ALL	464996.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04
95	ALL	464971.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
423	ALL	465971.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04
201	ALL	465071.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04
182	ALL	465046.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04
66	ALL	464946.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04
422	ALL	465946.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04
163	ALL	465021.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-04
238	ALL	465096.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-04
421	ALL	465921.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04
111	ALL	464971.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04
144	ALL	464996.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-04
80	ALL	464946.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-04
256	ALL	465096.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
219	ALL	465071.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04
446	ALL	466021.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04
420	ALL	465896.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04
200	ALL	465046.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04
445	ALL	465996.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04
181	ALL	465021.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04
127	ALL	464971.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04
94	ALL	464946.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-04
419	ALL	465871.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-04
65	ALL	464921.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04
45	ALL	465946.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04
444	ALL	465971.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04
237	ALL	465071.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04
162	ALL	464996.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04
443	ALL	465946.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-04
110	ALL	464946.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
46	ALL	465971.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04
143	ALL	464971.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04
218	ALL	465046.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04
255	ALL	465071.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04
79	ALL	464921.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04
442	ALL	465921.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-04
199	ALL	465021.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04
34	ALL	465946.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04
467	ALL	466021.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04
126	ALL	464946.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
64	ALL	464896.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
93	ALL	464921.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04
441	ALL	465896.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04
180	ALL	464996.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04
47	ALL	465996.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04
466	ALL	465996.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04
236	ALL	465046.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04
161	ALL	464971.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04

35	ALL	465971.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04
440	ALL	465871.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04
465	ALL	465971.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04
217	ALL	465021.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04
109	ALL	464921.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04
78	ALL	464896.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
142	ALL	464946.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04
464	ALL	465946.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04
48	ALL	466021.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04
23	ALL	465946.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-04
254	ALL	465046.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
198	ALL	464996.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04
36	ALL	465996.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04
463	ALL	465921.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04
92	ALL	464896.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04
63	ALL	464871.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
125	ALL	464921.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
24	ALL	465971.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-04
179	ALL	464971.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-04
49	ALL	466046.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04
235	ALL	465021.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
37	ALL	466021.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
462	ALL	465896.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
160	ALL	464946.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
12	ALL	465946.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-04
25	ALL	465996.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04
108	ALL	464896.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04
77	ALL	464871.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04
216	ALL	464996.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
141	ALL	464921.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
461	ALL	465871.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
197	ALL	464971.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04
50	ALL	466071.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04
13	ALL	465971.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
38	ALL	466046.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04
91	ALL	464871.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
124	ALL	464896.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
26	ALL	466021.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
253	ALL	465021.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04
62	ALL	464846.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04
178	ALL	464946.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
1	ALL	465946.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04
14	ALL	465996.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04
159	ALL	464921.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04
51	ALL	466096.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
234	ALL	464996.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04
39	ALL	466071.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
107	ALL	464871.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04
27	ALL	466046.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04
76	ALL	464846.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04
140	ALL	464896.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
2	ALL	465971.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
215	ALL	464971.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
196	ALL	464946.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
15	ALL	466021.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04
271	ALL	465021.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
90	ALL	464846.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
123	ALL	464871.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
61	ALL	464821.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
52	ALL	466121.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04
3	ALL	465996.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
40	ALL	466096.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04

177	ALL	464921.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04
28	ALL	466071.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04
252	ALL	464996.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
16	ALL	466046.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
158	ALL	464896.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04
106	ALL	464846.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
75	ALL	464821.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
4	ALL	466021.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
214	ALL	464946.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04
233	ALL	464971.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04
139	ALL	464871.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04
285	ALL	465021.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04
53	ALL	466146.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04
41	ALL	466121.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
29	ALL	466096.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04
195	ALL	464921.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
17	ALL	466071.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
60	ALL	464796.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04
89	ALL	464821.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
122	ALL	464846.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
5	ALL	466046.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
270	ALL	464996.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04
176	ALL	464896.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04
42	ALL	466146.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04
54	ALL	466171.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04
157	ALL	464871.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04
74	ALL	464796.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04
30	ALL	466121.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04
18	ALL	466096.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04
105	ALL	464821.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04
232	ALL	464946.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
251	ALL	464971.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
299	ALL	465021.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
6	ALL	466071.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04
138	ALL	464846.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
213	ALL	464921.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04
88	ALL	464796.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04
59	ALL	464771.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04
194	ALL	464896.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04
284	ALL	464996.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
43	ALL	466171.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04
31	ALL	466146.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04
55	ALL	466196.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04
121	ALL	464821.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04
19	ALL	466121.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
7	ALL	466096.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04
175	ALL	464871.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04
73	ALL	464771.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04
156	ALL	464846.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04
250	ALL	464946.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
104	ALL	464796.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
269	ALL	464971.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
313	ALL	465021.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
32	ALL	466171.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
44	ALL	466196.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
137	ALL	464821.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
20	ALL	466146.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
231	ALL	464921.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
8	ALL	466121.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04
87	ALL	464771.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
212	ALL	464896.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
58	ALL	464746.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04

193	ALL	464871.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
298	ALL	464996.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04
120	ALL	464796.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04
174	ALL	464846.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
33	ALL	466196.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
21	ALL	466171.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
72	ALL	464746.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
268	ALL	464946.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
283	ALL	464971.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
9	ALL	466146.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04
103	ALL	464771.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04
155	ALL	464821.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
334	ALL	465021.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
249	ALL	464921.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
211	ALL	464871.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
136	ALL	464796.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04
230	ALL	464896.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04
312	ALL	464996.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
57	ALL	464721.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
86	ALL	464746.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
192	ALL	464846.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
22	ALL	466196.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04
10	ALL	466171.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-04
119	ALL	464771.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
282	ALL	464946.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04
173	ALL	464821.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
297	ALL	464971.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
71	ALL	464721.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04
102	ALL	464746.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
154	ALL	464796.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04
229	ALL	464871.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04
267	ALL	464921.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
355	ALL	465021.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
11	ALL	466196.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
248	ALL	464896.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04
210	ALL	464846.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
333	ALL	464996.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
135	ALL	464771.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
56	ALL	464696.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
85	ALL	464721.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04
191	ALL	464821.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
118	ALL	464746.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
296	ALL	464946.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
311	ALL	464971.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
172	ALL	464796.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
247	ALL	464871.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
70	ALL	464696.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
281	ALL	464921.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
101	ALL	464721.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
266	ALL	464896.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
153	ALL	464771.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
228	ALL	464846.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
376	ALL	465021.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
354	ALL	464996.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
209	ALL	464821.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
134	ALL	464746.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
84	ALL	464696.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
190	ALL	464796.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
310	ALL	464946.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04
117	ALL	464721.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
332	ALL	464971.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
265	ALL	464871.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04

295	ALL	464921.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04
171	ALL	464771.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
246	ALL	464846.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
280	ALL	464896.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
100	ALL	464696.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
152	ALL	464746.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
227	ALL	464821.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
397	ALL	465021.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
208	ALL	464796.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
375	ALL	464996.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
133	ALL	464721.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
331	ALL	464946.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
189	ALL	464771.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
353	ALL	464971.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
279	ALL	464871.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
116	ALL	464696.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
309	ALL	464921.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
264	ALL	464846.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
294	ALL	464896.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
226	ALL	464796.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
245	ALL	464821.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
170	ALL	464746.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
151	ALL	464721.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
207	ALL	464771.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
418	ALL	465021.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
396	ALL	464996.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
352	ALL	464946.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04
132	ALL	464696.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04
374	ALL	464971.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
188	ALL	464746.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
293	ALL	464871.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
330	ALL	464921.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
244	ALL	464796.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
278	ALL	464846.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
263	ALL	464821.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
308	ALL	464896.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
225	ALL	464771.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
169	ALL	464721.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
150	ALL	464696.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
417	ALL	464996.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
373	ALL	464946.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
206	ALL	464746.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
262	ALL	464796.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
439	ALL	465021.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
395	ALL	464971.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
351	ALL	464921.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
307	ALL	464871.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
243	ALL	464771.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
277	ALL	464821.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
329	ALL	464896.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
187	ALL	464721.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
292	ALL	464846.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
168	ALL	464696.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
224	ALL	464746.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
394	ALL	464946.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
276	ALL	464796.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
416	ALL	464971.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
438	ALL	464996.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
261	ALL	464771.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
372	ALL	464921.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
205	ALL	464721.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
328	ALL	464871.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04

350	ALL	464896.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
291	ALL	464821.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
306	ALL	464846.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
460	ALL	465021.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
242	ALL	464746.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
186	ALL	464696.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
415	ALL	464946.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
290	ALL	464796.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
223	ALL	464721.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
437	ALL	464971.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
393	ALL	464921.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
275	ALL	464771.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
349	ALL	464871.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
371	ALL	464896.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
204	ALL	464696.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
260	ALL	464746.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
305	ALL	464821.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
327	ALL	464846.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
459	ALL	464996.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04
241	ALL	464721.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
481	ALL	465021.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
304	ALL	464796.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
289	ALL	464771.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
436	ALL	464946.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
414	ALL	464921.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
370	ALL	464871.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
222	ALL	464696.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
392	ALL	464896.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
348	ALL	464846.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
274	ALL	464746.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
326	ALL	464821.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
458	ALL	464971.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
259	ALL	464721.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
240	ALL	464696.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
480	ALL	464996.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
303	ALL	464771.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
325	ALL	464796.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
435	ALL	464921.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
391	ALL	464871.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
413	ALL	464896.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
495	ALL	465021.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
288	ALL	464746.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04
369	ALL	464846.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
457	ALL	464946.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
347	ALL	464821.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
273	ALL	464721.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
258	ALL	464696.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
479	ALL	464971.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
412	ALL	464871.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
434	ALL	464896.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
346	ALL	464796.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
324	ALL	464771.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
494	ALL	464996.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
302	ALL	464746.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
390	ALL	464846.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
287	ALL	464721.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
456	ALL	464921.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
368	ALL	464821.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
509	ALL	465021.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04
272	ALL	464696.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
478	ALL	464946.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
493	ALL	464971.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04

345	ALL	464771.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
433	ALL	464871.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
367	ALL	464796.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
411	ALL	464846.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
301	ALL	464721.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
323	ALL	464746.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
455	ALL	464896.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
286	ALL	464696.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
508	ALL	464996.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
389	ALL	464821.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
477	ALL	464921.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
492	ALL	464946.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
523	ALL	465021.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
366	ALL	464771.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
388	ALL	464796.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
344	ALL	464746.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
432	ALL	464846.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
507	ALL	464971.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
454	ALL	464871.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
300	ALL	464696.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
322	ALL	464721.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
410	ALL	464821.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
476	ALL	464896.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
491	ALL	464921.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
522	ALL	464996.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
506	ALL	464946.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
387	ALL	464771.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
365	ALL	464746.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
409	ALL	464796.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
343	ALL	464721.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
537	ALL	465021.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
453	ALL	464846.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
321	ALL	464696.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
431	ALL	464821.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
475	ALL	464871.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
521	ALL	464971.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
490	ALL	464896.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
505	ALL	464921.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
408	ALL	464771.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
364	ALL	464721.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
536	ALL	464996.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
386	ALL	464746.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
430	ALL	464796.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
520	ALL	464946.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
342	ALL	464696.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
551	ALL	465021.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
489	ALL	464871.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
452	ALL	464821.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
474	ALL	464846.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
504	ALL	464896.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
535	ALL	464971.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
429	ALL	464771.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
363	ALL	464696.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
407	ALL	464746.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
519	ALL	464921.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
385	ALL	464721.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
451	ALL	464796.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
550	ALL	464996.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
534	ALL	464946.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
488	ALL	464846.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
473	ALL	464821.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
503	ALL	464871.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04

428	ALL	464746.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
406	ALL	464721.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
549	ALL	464971.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
518	ALL	464896.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
384	ALL	464696.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
450	ALL	464771.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
533	ALL	464921.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
472	ALL	464796.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
502	ALL	464846.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
487	ALL	464821.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
548	ALL	464946.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
517	ALL	464871.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
427	ALL	464721.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
405	ALL	464696.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
449	ALL	464746.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
532	ALL	464896.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
547	ALL	464921.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
471	ALL	464771.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
486	ALL	464796.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
501	ALL	464821.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
516	ALL	464846.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
426	ALL	464696.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
531	ALL	464871.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
448	ALL	464721.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
485	ALL	464771.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
546	ALL	464896.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
470	ALL	464746.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
500	ALL	464796.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
530	ALL	464846.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
515	ALL	464821.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
545	ALL	464871.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
447	ALL	464696.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
499	ALL	464771.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
484	ALL	464746.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
469	ALL	464721.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
544	ALL	464846.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
529	ALL	464821.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
514	ALL	464796.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
498	ALL	464746.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
513	ALL	464771.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
483	ALL	464721.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
468	ALL	464696.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
543	ALL	464821.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
528	ALL	464796.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
482	ALL	464696.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
497	ALL	464721.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
512	ALL	464746.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
527	ALL	464771.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
542	ALL	464796.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
496	ALL	464696.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
511	ALL	464721.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
526	ALL	464746.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
541	ALL	464771.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
510	ALL	464696.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
525	ALL	464721.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
540	ALL	464746.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
524	ALL	464696.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
539	ALL	464721.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
538	ALL	464696.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04

Alice Willow Warehouse Project Operations

*HARP - HRACalc v22118 1/12/2023 2:06:47 PM - Cancer Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
318	ALL		465971.3	3770442	6.37E-06	30YrCancerRMP_Inh	6.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL		465996.3	3770442	6.37E-06	30YrCancerRMP_Inh	6.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL		466021.3	3770442	6.35E-06	30YrCancerRMP_Inh	6.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL		465946.3	3770442	6.34E-06	30YrCancerRMP_Inh	6.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL		465921.3	3770442	6.27E-06	30YrCancerRMP_Inh	6.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL		465896.3	3770442	6.19E-06	30YrCancerRMP_Inh	6.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL		465071.3	3770117	6.14E-06	30YrCancerRMP_Inh	6.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL		465871.3	3770442	6.11E-06	30YrCancerRMP_Inh	6.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL		465121.3	3770192	6.00E-06	30YrCancerRMP_Inh	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL		466021.3	3770467	5.88E-06	30YrCancerRMP_Inh	5.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL		465996.3	3770467	5.87E-06	30YrCancerRMP_Inh	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL		465971.3	3770467	5.84E-06	30YrCancerRMP_Inh	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL		465071.3	3770142	5.81E-06	30YrCancerRMP_Inh	5.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL		465946.3	3770467	5.77E-06	30YrCancerRMP_Inh	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		465021.3	3770067	5.70E-06	30YrCancerRMP_Inh	5.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL		465921.3	3770467	5.69E-06	30YrCancerRMP_Inh	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		465046.3	3770117	5.68E-06	30YrCancerRMP_Inh	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL		465121.3	3770217	5.61E-06	30YrCancerRMP_Inh	5.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL		465896.3	3770467	5.61E-06	30YrCancerRMP_Inh	5.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL		465096.3	3770192	5.61E-06	30YrCancerRMP_Inh	5.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL		465871.3	3770467	5.54E-06	30YrCancerRMP_Inh	5.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL		465071.3	3770167	5.53E-06	30YrCancerRMP_Inh	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		465021.3	3770092	5.48E-06	30YrCancerRMP_Inh	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL		466021.3	3770492	5.43E-06	30YrCancerRMP_Inh	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL		465046.3	3770142	5.41E-06	30YrCancerRMP_Inh	5.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL		465996.3	3770492	5.40E-06	30YrCancerRMP_Inh	5.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL		465971.3	3770492	5.36E-06	30YrCancerRMP_Inh	5.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL		465946.3	3770492	5.28E-06	30YrCancerRMP_Inh	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL		465096.3	3770217	5.25E-06	30YrCancerRMP_Inh	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		465021.3	3770117	5.25E-06	30YrCancerRMP_Inh	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL		465071.3	3770192	5.24E-06	30YrCancerRMP_Inh	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL		465121.3	3770242	5.24E-06	30YrCancerRMP_Inh	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		464996.3	3770067	5.23E-06	30YrCancerRMP_Inh	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL		465921.3	3770492	5.20E-06	30YrCancerRMP_Inh	5.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL		465046.3	3770167	5.15E-06	30YrCancerRMP_Inh	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL		465896.3	3770492	5.13E-06	30YrCancerRMP_Inh	5.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL		465871.3	3770492	5.06E-06	30YrCancerRMP_Inh	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL		465021.3	3770142	5.02E-06	30YrCancerRMP_Inh	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL		466021.3	3770517	5.02E-06	30YrCancerRMP_Inh	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		464996.3	3770092	5.01E-06	30YrCancerRMP_Inh	5.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL		465996.3	3770517	4.97E-06	30YrCancerRMP_Inh	4.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL		465121.3	3770267	4.96E-06	30YrCancerRMP_Inh	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL		465071.3	3770217	4.93E-06	30YrCancerRMP_Inh	4.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL		465971.3	3770517	4.92E-06	30YrCancerRMP_Inh	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL		465096.3	3770242	4.92E-06	30YrCancerRMP_Inh	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL		465046.3	3770192	4.90E-06	30YrCancerRMP_Inh	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL		465946.3	3770517	4.86E-06	30YrCancerRMP_Inh	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

96	ALL	464996.3	3770117	4.80E-06	30YrCancerRMP_Inh	4.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	465021.3	3770167	4.80E-06	30YrCancerRMP_Inh	4.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	465921.3	3770517	4.79E-06	30YrCancerRMP_Inh	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	464971.3	3770067	4.78E-06	30YrCancerRMP_Inh	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	465121.3	3770292	4.73E-06	30YrCancerRMP_Inh	4.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	465896.3	3770517	4.72E-06	30YrCancerRMP_Inh	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	465096.3	3770267	4.66E-06	30YrCancerRMP_Inh	4.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	465871.3	3770517	4.65E-06	30YrCancerRMP_Inh	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	465071.3	3770242	4.64E-06	30YrCancerRMP_Inh	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	466021.3	3770542	4.64E-06	30YrCancerRMP_Inh	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	465046.3	3770217	4.63E-06	30YrCancerRMP_Inh	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	464996.3	3770142	4.61E-06	30YrCancerRMP_Inh	4.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	465996.3	3770542	4.59E-06	30YrCancerRMP_Inh	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	464971.3	3770092	4.59E-06	30YrCancerRMP_Inh	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL	465946.3	3769367	4.58E-06	30YrCancerRMP_Inh	4.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	465121.3	3770317	4.57E-06	30YrCancerRMP_Inh	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	465021.3	3770192	4.57E-06	30YrCancerRMP_Inh	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	465971.3	3770542	4.55E-06	30YrCancerRMP_Inh	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	465946.3	3770542	4.49E-06	30YrCancerRMP_Inh	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	465121.3	3770342	4.45E-06	30YrCancerRMP_Inh	4.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	464996.3	3770167	4.44E-06	30YrCancerRMP_Inh	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL	465971.3	3769367	4.43E-06	30YrCancerRMP_Inh	4.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	465096.3	3770292	4.42E-06	30YrCancerRMP_Inh	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	464971.3	3770117	4.42E-06	30YrCancerRMP_Inh	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	465921.3	3770542	4.41E-06	30YrCancerRMP_Inh	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	464946.3	3770067	4.40E-06	30YrCancerRMP_Inh	4.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	465071.3	3770267	4.39E-06	30YrCancerRMP_Inh	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	465046.3	3770242	4.38E-06	30YrCancerRMP_Inh	4.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL	465946.3	3769342	4.34E-06	30YrCancerRMP_Inh	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	465021.3	3770217	4.34E-06	30YrCancerRMP_Inh	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	465896.3	3770542	4.31E-06	30YrCancerRMP_Inh	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	466021.3	3770567	4.29E-06	30YrCancerRMP_Inh	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL	465996.3	3769367	4.28E-06	30YrCancerRMP_Inh	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	465096.3	3770317	4.28E-06	30YrCancerRMP_Inh	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	464971.3	3770142	4.26E-06	30YrCancerRMP_Inh	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	465871.3	3770542	4.26E-06	30YrCancerRMP_Inh	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	464996.3	3770192	4.25E-06	30YrCancerRMP_Inh	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	465996.3	3770567	4.25E-06	30YrCancerRMP_Inh	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	464946.3	3770092	4.24E-06	30YrCancerRMP_Inh	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL	465971.3	3769342	4.22E-06	30YrCancerRMP_Inh	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	465971.3	3770567	4.21E-06	30YrCancerRMP_Inh	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	465096.3	3770342	4.21E-06	30YrCancerRMP_Inh	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	465071.3	3770292	4.18E-06	30YrCancerRMP_Inh	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	465946.3	3770567	4.15E-06	30YrCancerRMP_Inh	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	465046.3	3770267	4.15E-06	30YrCancerRMP_Inh	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	466021.3	3769367	4.13E-06	30YrCancerRMP_Inh	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL	465946.3	3769317	4.12E-06	30YrCancerRMP_Inh	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	464971.3	3770167	4.12E-06	30YrCancerRMP_Inh	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	464921.3	3770067	4.12E-06	30YrCancerRMP_Inh	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	464946.3	3770117	4.11E-06	30YrCancerRMP_Inh	4.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	465021.3	3770242	4.11E-06	30YrCancerRMP_Inh	4.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

36	ALL	465996.3	3769342	4.09E-06	30YrCancerRMP_Inh	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	465921.3	3770567	4.06E-06	30YrCancerRMP_Inh	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	464996.3	3770217	4.04E-06	30YrCancerRMP_Inh	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	465071.3	3770317	4.04E-06	30YrCancerRMP_Inh	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL	465971.3	3769317	4.02E-06	30YrCancerRMP_Inh	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	466046.3	3769367	3.99E-06	30YrCancerRMP_Inh	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	464946.3	3770142	3.99E-06	30YrCancerRMP_Inh	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	466021.3	3770592	3.98E-06	30YrCancerRMP_Inh	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	464921.3	3770092	3.98E-06	30YrCancerRMP_Inh	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	465071.3	3770342	3.97E-06	30YrCancerRMP_Inh	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	464971.3	3770192	3.97E-06	30YrCancerRMP_Inh	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	465896.3	3770567	3.97E-06	30YrCancerRMP_Inh	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL	466021.3	3769342	3.95E-06	30YrCancerRMP_Inh	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	465046.3	3770292	3.95E-06	30YrCancerRMP_Inh	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	465996.3	3770592	3.94E-06	30YrCancerRMP_Inh	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL	465946.3	3769292	3.93E-06	30YrCancerRMP_Inh	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	465021.3	3770267	3.92E-06	30YrCancerRMP_Inh	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	465871.3	3770567	3.91E-06	30YrCancerRMP_Inh	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL	465996.3	3769317	3.91E-06	30YrCancerRMP_Inh	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	465971.3	3770592	3.90E-06	30YrCancerRMP_Inh	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	464896.3	3770067	3.88E-06	30YrCancerRMP_Inh	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	464921.3	3770117	3.87E-06	30YrCancerRMP_Inh	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	464946.3	3770167	3.86E-06	30YrCancerRMP_Inh	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	466071.3	3769367	3.84E-06	30YrCancerRMP_Inh	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	464996.3	3770242	3.84E-06	30YrCancerRMP_Inh	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	465946.3	3770592	3.84E-06	30YrCancerRMP_Inh	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL	466046.3	3769342	3.82E-06	30YrCancerRMP_Inh	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL	465971.3	3769292	3.82E-06	30YrCancerRMP_Inh	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	465046.3	3770317	3.80E-06	30YrCancerRMP_Inh	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	464971.3	3770217	3.79E-06	30YrCancerRMP_Inh	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL	466021.3	3769317	3.79E-06	30YrCancerRMP_Inh	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL	465946.3	3769267	3.76E-06	30YrCancerRMP_Inh	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	465921.3	3770592	3.75E-06	30YrCancerRMP_Inh	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	464921.3	3770142	3.75E-06	30YrCancerRMP_Inh	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	464896.3	3770092	3.75E-06	30YrCancerRMP_Inh	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	465021.3	3770292	3.74E-06	30YrCancerRMP_Inh	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL	465996.3	3769292	3.73E-06	30YrCancerRMP_Inh	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	464946.3	3770192	3.73E-06	30YrCancerRMP_Inh	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	466096.3	3769367	3.70E-06	30YrCancerRMP_Inh	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	466021.3	3770617	3.69E-06	30YrCancerRMP_Inh	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	465046.3	3770342	3.69E-06	30YrCancerRMP_Inh	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL	466071.3	3769342	3.69E-06	30YrCancerRMP_Inh	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	464996.3	3770267	3.68E-06	30YrCancerRMP_Inh	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	465896.3	3770592	3.67E-06	30YrCancerRMP_Inh	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL	466046.3	3769317	3.67E-06	30YrCancerRMP_Inh	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	464871.3	3770067	3.66E-06	30YrCancerRMP_Inh	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	465996.3	3770617	3.65E-06	30YrCancerRMP_Inh	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL	465971.3	3769267	3.65E-06	30YrCancerRMP_Inh	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	464896.3	3770117	3.65E-06	30YrCancerRMP_Inh	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	464921.3	3770167	3.64E-06	30YrCancerRMP_Inh	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	465871.3	3770592	3.62E-06	30YrCancerRMP_Inh	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

15	ALL	466021.3	3769292	3.62E-06	30YrCancerRMP_Inh	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	464971.3	3770242	3.62E-06	30YrCancerRMP_Inh	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	465971.3	3770617	3.61E-06	30YrCancerRMP_Inh	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	466121.3	3769367	3.57E-06	30YrCancerRMP_Inh	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	465021.3	3770317	3.57E-06	30YrCancerRMP_Inh	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	464946.3	3770217	3.57E-06	30YrCancerRMP_Inh	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL	466096.3	3769342	3.56E-06	30YrCancerRMP_Inh	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL	465996.3	3769267	3.56E-06	30YrCancerRMP_Inh	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	465946.3	3770617	3.55E-06	30YrCancerRMP_Inh	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL	466071.3	3769317	3.55E-06	30YrCancerRMP_Inh	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	464896.3	3770142	3.54E-06	30YrCancerRMP_Inh	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	464871.3	3770092	3.54E-06	30YrCancerRMP_Inh	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	464921.3	3770192	3.52E-06	30YrCancerRMP_Inh	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL	466046.3	3769292	3.52E-06	30YrCancerRMP_Inh	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	464996.3	3770292	3.50E-06	30YrCancerRMP_Inh	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	465921.3	3770617	3.48E-06	30YrCancerRMP_Inh	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL	466021.3	3769267	3.47E-06	30YrCancerRMP_Inh	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	464971.3	3770267	3.47E-06	30YrCancerRMP_Inh	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	464846.3	3770067	3.46E-06	30YrCancerRMP_Inh	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	464871.3	3770117	3.45E-06	30YrCancerRMP_Inh	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	466146.3	3769367	3.45E-06	30YrCancerRMP_Inh	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	464896.3	3770167	3.44E-06	30YrCancerRMP_Inh	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL	466121.3	3769342	3.44E-06	30YrCancerRMP_Inh	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL	466096.3	3769317	3.43E-06	30YrCancerRMP_Inh	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	465021.3	3770342	3.42E-06	30YrCancerRMP_Inh	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	464946.3	3770242	3.42E-06	30YrCancerRMP_Inh	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	465896.3	3770617	3.41E-06	30YrCancerRMP_Inh	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL	466071.3	3769292	3.41E-06	30YrCancerRMP_Inh	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	464921.3	3770217	3.38E-06	30YrCancerRMP_Inh	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL	466046.3	3769267	3.37E-06	30YrCancerRMP_Inh	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	465871.3	3770617	3.37E-06	30YrCancerRMP_Inh	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	464871.3	3770142	3.36E-06	30YrCancerRMP_Inh	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	464846.3	3770092	3.35E-06	30YrCancerRMP_Inh	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	464996.3	3770317	3.34E-06	30YrCancerRMP_Inh	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	464896.3	3770192	3.33E-06	30YrCancerRMP_Inh	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL	466146.3	3769342	3.33E-06	30YrCancerRMP_Inh	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	466171.3	3769367	3.32E-06	30YrCancerRMP_Inh	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL	466121.3	3769317	3.32E-06	30YrCancerRMP_Inh	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	464971.3	3770292	3.31E-06	30YrCancerRMP_Inh	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL	466096.3	3769292	3.30E-06	30YrCancerRMP_Inh	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	464946.3	3770267	3.29E-06	30YrCancerRMP_Inh	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	464821.3	3770067	3.29E-06	30YrCancerRMP_Inh	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	465021.3	3770367	3.28E-06	30YrCancerRMP_Inh	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL	466071.3	3769267	3.28E-06	30YrCancerRMP_Inh	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	464846.3	3770117	3.27E-06	30YrCancerRMP_Inh	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	464871.3	3770167	3.27E-06	30YrCancerRMP_Inh	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	464921.3	3770242	3.23E-06	30YrCancerRMP_Inh	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL	466171.3	3769342	3.21E-06	30YrCancerRMP_Inh	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL	466146.3	3769317	3.21E-06	30YrCancerRMP_Inh	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	466196.3	3769367	3.21E-06	30YrCancerRMP_Inh	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	464896.3	3770217	3.20E-06	30YrCancerRMP_Inh	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

19	ALL	466121.3	3769292	3.20E-06	30YrCancerRMP_Inh	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	464821.3	3770092	3.20E-06	30YrCancerRMP_Inh	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	464996.3	3770342	3.19E-06	30YrCancerRMP_Inh	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	464846.3	3770142	3.19E-06	30YrCancerRMP_Inh	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL	466096.3	3769267	3.18E-06	30YrCancerRMP_Inh	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	464871.3	3770192	3.17E-06	30YrCancerRMP_Inh	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	464946.3	3770292	3.15E-06	30YrCancerRMP_Inh	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	464796.3	3770067	3.15E-06	30YrCancerRMP_Inh	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	465021.3	3770392	3.15E-06	30YrCancerRMP_Inh	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	464971.3	3770317	3.15E-06	30YrCancerRMP_Inh	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	464821.3	3770117	3.12E-06	30YrCancerRMP_Inh	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	464921.3	3770267	3.11E-06	30YrCancerRMP_Inh	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL	466171.3	3769317	3.10E-06	30YrCancerRMP_Inh	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	464846.3	3770167	3.10E-06	30YrCancerRMP_Inh	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL	466196.3	3769342	3.10E-06	30YrCancerRMP_Inh	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL	466146.3	3769292	3.10E-06	30YrCancerRMP_Inh	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL	466121.3	3769267	3.08E-06	30YrCancerRMP_Inh	3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	464796.3	3770092	3.07E-06	30YrCancerRMP_Inh	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	464896.3	3770242	3.07E-06	30YrCancerRMP_Inh	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	464996.3	3770367	3.06E-06	30YrCancerRMP_Inh	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	464821.3	3770142	3.04E-06	30YrCancerRMP_Inh	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	464871.3	3770217	3.04E-06	30YrCancerRMP_Inh	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	464846.3	3770192	3.01E-06	30YrCancerRMP_Inh	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	464946.3	3770317	3.01E-06	30YrCancerRMP_Inh	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	464771.3	3770067	3.01E-06	30YrCancerRMP_Inh	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	465021.3	3770417	3.01E-06	30YrCancerRMP_Inh	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	464971.3	3770342	3.00E-06	30YrCancerRMP_Inh	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL	466196.3	3769317	3.00E-06	30YrCancerRMP_Inh	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL	466171.3	3769292	3.00E-06	30YrCancerRMP_Inh	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	464796.3	3770117	3.00E-06	30YrCancerRMP_Inh	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL	466146.3	3769267	2.99E-06	30YrCancerRMP_Inh	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	464921.3	3770292	2.97E-06	30YrCancerRMP_Inh	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	464821.3	3770167	2.96E-06	30YrCancerRMP_Inh	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	464896.3	3770267	2.95E-06	30YrCancerRMP_Inh	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	464996.3	3770392	2.94E-06	30YrCancerRMP_Inh	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	464771.3	3770092	2.93E-06	30YrCancerRMP_Inh	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	464871.3	3770242	2.92E-06	30YrCancerRMP_Inh	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	464796.3	3770142	2.91E-06	30YrCancerRMP_Inh	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL	466196.3	3769292	2.90E-06	30YrCancerRMP_Inh	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL	466171.3	3769267	2.90E-06	30YrCancerRMP_Inh	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	464846.3	3770217	2.90E-06	30YrCancerRMP_Inh	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	464946.3	3770342	2.87E-06	30YrCancerRMP_Inh	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	464746.3	3770067	2.87E-06	30YrCancerRMP_Inh	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	464971.3	3770367	2.87E-06	30YrCancerRMP_Inh	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	465021.3	3770442	2.86E-06	30YrCancerRMP_Inh	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	464821.3	3770192	2.86E-06	30YrCancerRMP_Inh	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	464771.3	3770117	2.86E-06	30YrCancerRMP_Inh	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	464921.3	3770317	2.83E-06	30YrCancerRMP_Inh	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	464871.3	3770267	2.82E-06	30YrCancerRMP_Inh	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	464896.3	3770292	2.82E-06	30YrCancerRMP_Inh	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	464796.3	3770167	2.82E-06	30YrCancerRMP_Inh	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

11	ALL	466196.3	3769267	2.81E-06	30YrCancerRMP_Inh	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	464996.3	3770417	2.81E-06	30YrCancerRMP_Inh	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	464746.3	3770092	2.80E-06	30YrCancerRMP_Inh	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	464846.3	3770242	2.78E-06	30YrCancerRMP_Inh	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	464771.3	3770142	2.77E-06	30YrCancerRMP_Inh	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	464821.3	3770217	2.75E-06	30YrCancerRMP_Inh	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	464946.3	3770367	2.74E-06	30YrCancerRMP_Inh	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	464971.3	3770392	2.74E-06	30YrCancerRMP_Inh	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	464721.3	3770067	2.74E-06	30YrCancerRMP_Inh	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	465021.3	3770467	2.73E-06	30YrCancerRMP_Inh	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	464746.3	3770117	2.72E-06	30YrCancerRMP_Inh	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	464796.3	3770192	2.72E-06	30YrCancerRMP_Inh	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	464871.3	3770292	2.71E-06	30YrCancerRMP_Inh	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	464921.3	3770342	2.71E-06	30YrCancerRMP_Inh	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	464896.3	3770317	2.69E-06	30YrCancerRMP_Inh	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	464846.3	3770267	2.68E-06	30YrCancerRMP_Inh	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	464996.3	3770442	2.68E-06	30YrCancerRMP_Inh	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	464771.3	3770167	2.68E-06	30YrCancerRMP_Inh	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	464721.3	3770092	2.67E-06	30YrCancerRMP_Inh	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	464746.3	3770142	2.64E-06	30YrCancerRMP_Inh	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	464821.3	3770242	2.64E-06	30YrCancerRMP_Inh	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	464946.3	3770392	2.62E-06	30YrCancerRMP_Inh	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	464971.3	3770417	2.62E-06	30YrCancerRMP_Inh	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	464796.3	3770217	2.62E-06	30YrCancerRMP_Inh	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	464696.3	3770067	2.61E-06	30YrCancerRMP_Inh	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	464871.3	3770317	2.60E-06	30YrCancerRMP_Inh	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	465021.3	3770492	2.60E-06	30YrCancerRMP_Inh	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	464721.3	3770117	2.60E-06	30YrCancerRMP_Inh	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	464921.3	3770367	2.59E-06	30YrCancerRMP_Inh	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	464771.3	3770192	2.59E-06	30YrCancerRMP_Inh	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	464846.3	3770292	2.58E-06	30YrCancerRMP_Inh	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	464896.3	3770342	2.58E-06	30YrCancerRMP_Inh	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	464996.3	3770467	2.56E-06	30YrCancerRMP_Inh	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	464746.3	3770167	2.56E-06	30YrCancerRMP_Inh	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	464821.3	3770267	2.55E-06	30YrCancerRMP_Inh	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	464696.3	3770092	2.54E-06	30YrCancerRMP_Inh	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	464721.3	3770142	2.52E-06	30YrCancerRMP_Inh	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	464796.3	3770242	2.51E-06	30YrCancerRMP_Inh	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	464946.3	3770417	2.51E-06	30YrCancerRMP_Inh	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	464971.3	3770442	2.50E-06	30YrCancerRMP_Inh	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	464871.3	3770342	2.50E-06	30YrCancerRMP_Inh	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	464771.3	3770217	2.49E-06	30YrCancerRMP_Inh	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	464921.3	3770392	2.48E-06	30YrCancerRMP_Inh	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	464846.3	3770317	2.48E-06	30YrCancerRMP_Inh	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	464696.3	3770117	2.48E-06	30YrCancerRMP_Inh	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	464896.3	3770367	2.48E-06	30YrCancerRMP_Inh	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	465021.3	3770517	2.47E-06	30YrCancerRMP_Inh	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	464746.3	3770192	2.47E-06	30YrCancerRMP_Inh	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	464821.3	3770292	2.46E-06	30YrCancerRMP_Inh	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	464996.3	3770492	2.45E-06	30YrCancerRMP_Inh	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	464721.3	3770167	2.44E-06	30YrCancerRMP_Inh	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

190	ALL	464796.3	3770267	2.44E-06	30YrCancerRMP_Inh	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	464946.3	3770442	2.41E-06	30YrCancerRMP_Inh	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	464696.3	3770142	2.41E-06	30YrCancerRMP_Inh	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	464971.3	3770467	2.40E-06	30YrCancerRMP_Inh	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	464871.3	3770367	2.40E-06	30YrCancerRMP_Inh	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	464771.3	3770242	2.39E-06	30YrCancerRMP_Inh	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	464846.3	3770342	2.38E-06	30YrCancerRMP_Inh	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	464921.3	3770417	2.38E-06	30YrCancerRMP_Inh	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	464746.3	3770217	2.38E-06	30YrCancerRMP_Inh	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	464896.3	3770392	2.37E-06	30YrCancerRMP_Inh	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	464796.3	3770292	2.37E-06	30YrCancerRMP_Inh	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	464721.3	3770192	2.36E-06	30YrCancerRMP_Inh	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	464821.3	3770317	2.36E-06	30YrCancerRMP_Inh	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	465021.3	3770542	2.36E-06	30YrCancerRMP_Inh	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	464996.3	3770517	2.34E-06	30YrCancerRMP_Inh	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	464696.3	3770167	2.34E-06	30YrCancerRMP_Inh	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	464771.3	3770267	2.33E-06	30YrCancerRMP_Inh	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	464946.3	3770467	2.32E-06	30YrCancerRMP_Inh	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	464971.3	3770492	2.31E-06	30YrCancerRMP_Inh	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	464871.3	3770392	2.30E-06	30YrCancerRMP_Inh	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	464846.3	3770367	2.29E-06	30YrCancerRMP_Inh	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	464921.3	3770442	2.29E-06	30YrCancerRMP_Inh	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	464746.3	3770242	2.29E-06	30YrCancerRMP_Inh	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	464796.3	3770317	2.29E-06	30YrCancerRMP_Inh	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	464896.3	3770417	2.28E-06	30YrCancerRMP_Inh	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	464821.3	3770342	2.28E-06	30YrCancerRMP_Inh	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	464721.3	3770217	2.27E-06	30YrCancerRMP_Inh	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	464771.3	3770292	2.26E-06	30YrCancerRMP_Inh	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	464696.3	3770192	2.26E-06	30YrCancerRMP_Inh	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	465021.3	3770567	2.25E-06	30YrCancerRMP_Inh	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	464996.3	3770542	2.24E-06	30YrCancerRMP_Inh	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	464946.3	3770492	2.23E-06	30YrCancerRMP_Inh	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	464746.3	3770267	2.23E-06	30YrCancerRMP_Inh	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	464796.3	3770342	2.22E-06	30YrCancerRMP_Inh	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	464971.3	3770517	2.22E-06	30YrCancerRMP_Inh	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	464871.3	3770417	2.21E-06	30YrCancerRMP_Inh	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	464921.3	3770467	2.21E-06	30YrCancerRMP_Inh	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	464846.3	3770392	2.21E-06	30YrCancerRMP_Inh	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	464821.3	3770367	2.21E-06	30YrCancerRMP_Inh	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	464896.3	3770442	2.20E-06	30YrCancerRMP_Inh	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	464771.3	3770317	2.19E-06	30YrCancerRMP_Inh	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	464721.3	3770242	2.19E-06	30YrCancerRMP_Inh	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	464696.3	3770217	2.18E-06	30YrCancerRMP_Inh	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	464746.3	3770292	2.16E-06	30YrCancerRMP_Inh	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	464796.3	3770367	2.16E-06	30YrCancerRMP_Inh	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	464996.3	3770567	2.16E-06	30YrCancerRMP_Inh	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	464946.3	3770517	2.15E-06	30YrCancerRMP_Inh	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	465021.3	3770592	2.15E-06	30YrCancerRMP_Inh	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	464971.3	3770542	2.14E-06	30YrCancerRMP_Inh	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	464721.3	3770267	2.14E-06	30YrCancerRMP_Inh	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	464771.3	3770342	2.14E-06	30YrCancerRMP_Inh	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

351	ALL	464921.3	3770492	2.13E-06	30YrCancerRMP_Inh	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	464871.3	3770442	2.13E-06	30YrCancerRMP_Inh	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	464821.3	3770392	2.13E-06	30YrCancerRMP_Inh	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	464846.3	3770417	2.12E-06	30YrCancerRMP_Inh	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	464896.3	3770467	2.12E-06	30YrCancerRMP_Inh	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	464696.3	3770242	2.11E-06	30YrCancerRMP_Inh	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	464746.3	3770317	2.10E-06	30YrCancerRMP_Inh	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	464796.3	3770392	2.08E-06	30YrCancerRMP_Inh	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	464946.3	3770542	2.08E-06	30YrCancerRMP_Inh	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	464721.3	3770292	2.07E-06	30YrCancerRMP_Inh	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	464771.3	3770367	2.07E-06	30YrCancerRMP_Inh	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	464971.3	3770567	2.07E-06	30YrCancerRMP_Inh	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	464996.3	3770592	2.07E-06	30YrCancerRMP_Inh	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	464921.3	3770517	2.06E-06	30YrCancerRMP_Inh	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	464871.3	3770467	2.06E-06	30YrCancerRMP_Inh	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	464696.3	3770267	2.05E-06	30YrCancerRMP_Inh	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	464821.3	3770417	2.05E-06	30YrCancerRMP_Inh	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	464896.3	3770492	2.05E-06	30YrCancerRMP_Inh	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	464746.3	3770342	2.05E-06	30YrCancerRMP_Inh	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	464846.3	3770442	2.04E-06	30YrCancerRMP_Inh	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	465021.3	3770617	2.04E-06	30YrCancerRMP_Inh	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	464721.3	3770317	2.01E-06	30YrCancerRMP_Inh	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	464796.3	3770417	2.01E-06	30YrCancerRMP_Inh	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	464946.3	3770567	2.01E-06	30YrCancerRMP_Inh	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	464771.3	3770392	2.00E-06	30YrCancerRMP_Inh	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	464971.3	3770592	2.00E-06	30YrCancerRMP_Inh	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	464921.3	3770542	1.99E-06	30YrCancerRMP_Inh	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	464696.3	3770292	1.99E-06	30YrCancerRMP_Inh	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	464871.3	3770492	1.99E-06	30YrCancerRMP_Inh	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	464746.3	3770367	1.98E-06	30YrCancerRMP_Inh	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	464896.3	3770517	1.98E-06	30YrCancerRMP_Inh	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	464821.3	3770442	1.97E-06	30YrCancerRMP_Inh	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	464846.3	3770467	1.97E-06	30YrCancerRMP_Inh	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	464721.3	3770342	1.97E-06	30YrCancerRMP_Inh	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	464996.3	3770617	1.96E-06	30YrCancerRMP_Inh	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	464771.3	3770417	1.94E-06	30YrCancerRMP_Inh	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	464796.3	3770442	1.94E-06	30YrCancerRMP_Inh	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	465021.3	3770642	1.94E-06	30YrCancerRMP_Inh	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	464696.3	3770317	1.93E-06	30YrCancerRMP_Inh	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	464946.3	3770592	1.93E-06	30YrCancerRMP_Inh	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	464921.3	3770567	1.93E-06	30YrCancerRMP_Inh	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	464871.3	3770517	1.92E-06	30YrCancerRMP_Inh	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	464896.3	3770542	1.92E-06	30YrCancerRMP_Inh	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	464746.3	3770392	1.91E-06	30YrCancerRMP_Inh	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	464846.3	3770492	1.91E-06	30YrCancerRMP_Inh	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	464721.3	3770367	1.91E-06	30YrCancerRMP_Inh	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	464821.3	3770467	1.90E-06	30YrCancerRMP_Inh	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	464971.3	3770617	1.90E-06	30YrCancerRMP_Inh	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	464696.3	3770342	1.89E-06	30YrCancerRMP_Inh	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	464771.3	3770442	1.88E-06	30YrCancerRMP_Inh	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	464796.3	3770467	1.87E-06	30YrCancerRMP_Inh	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

480	ALL	464996.3	3770642	1.87E-06	30YrCancerRMP_Inh	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	464921.3	3770592	1.86E-06	30YrCancerRMP_Inh	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	464871.3	3770542	1.86E-06	30YrCancerRMP_Inh	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	464896.3	3770567	1.86E-06	30YrCancerRMP_Inh	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	464746.3	3770417	1.86E-06	30YrCancerRMP_Inh	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	465021.3	3770667	1.85E-06	30YrCancerRMP_Inh	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	464846.3	3770517	1.85E-06	30YrCancerRMP_Inh	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	464946.3	3770617	1.84E-06	30YrCancerRMP_Inh	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	464721.3	3770392	1.84E-06	30YrCancerRMP_Inh	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	464821.3	3770492	1.84E-06	30YrCancerRMP_Inh	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	464696.3	3770367	1.83E-06	30YrCancerRMP_Inh	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	464971.3	3770642	1.81E-06	30YrCancerRMP_Inh	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	464871.3	3770567	1.80E-06	30YrCancerRMP_Inh	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	464796.3	3770492	1.80E-06	30YrCancerRMP_Inh	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	464771.3	3770467	1.80E-06	30YrCancerRMP_Inh	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	464896.3	3770592	1.80E-06	30YrCancerRMP_Inh	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	464746.3	3770442	1.80E-06	30YrCancerRMP_Inh	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	464996.3	3770667	1.79E-06	30YrCancerRMP_Inh	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	464721.3	3770417	1.79E-06	30YrCancerRMP_Inh	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	464846.3	3770542	1.79E-06	30YrCancerRMP_Inh	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	464921.3	3770617	1.78E-06	30YrCancerRMP_Inh	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	464821.3	3770517	1.78E-06	30YrCancerRMP_Inh	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	464696.3	3770392	1.77E-06	30YrCancerRMP_Inh	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	465021.3	3770692	1.77E-06	30YrCancerRMP_Inh	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	464946.3	3770642	1.75E-06	30YrCancerRMP_Inh	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	464771.3	3770492	1.74E-06	30YrCancerRMP_Inh	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	464971.3	3770667	1.74E-06	30YrCancerRMP_Inh	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	464871.3	3770592	1.74E-06	30YrCancerRMP_Inh	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	464796.3	3770517	1.74E-06	30YrCancerRMP_Inh	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	464721.3	3770442	1.73E-06	30YrCancerRMP_Inh	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	464846.3	3770567	1.73E-06	30YrCancerRMP_Inh	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	464746.3	3770467	1.73E-06	30YrCancerRMP_Inh	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	464696.3	3770417	1.72E-06	30YrCancerRMP_Inh	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	464896.3	3770617	1.72E-06	30YrCancerRMP_Inh	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	464821.3	3770542	1.71E-06	30YrCancerRMP_Inh	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	464996.3	3770692	1.71E-06	30YrCancerRMP_Inh	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	464921.3	3770642	1.70E-06	30YrCancerRMP_Inh	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	464946.3	3770667	1.69E-06	30YrCancerRMP_Inh	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	464771.3	3770517	1.69E-06	30YrCancerRMP_Inh	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	465021.3	3770717	1.69E-06	30YrCancerRMP_Inh	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	464796.3	3770542	1.68E-06	30YrCancerRMP_Inh	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	464746.3	3770492	1.67E-06	30YrCancerRMP_Inh	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	464846.3	3770592	1.67E-06	30YrCancerRMP_Inh	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	464696.3	3770442	1.67E-06	30YrCancerRMP_Inh	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	464721.3	3770467	1.67E-06	30YrCancerRMP_Inh	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	464971.3	3770692	1.67E-06	30YrCancerRMP_Inh	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	464871.3	3770617	1.66E-06	30YrCancerRMP_Inh	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	464821.3	3770567	1.65E-06	30YrCancerRMP_Inh	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	464896.3	3770642	1.64E-06	30YrCancerRMP_Inh	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	464921.3	3770667	1.64E-06	30YrCancerRMP_Inh	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	464996.3	3770717	1.63E-06	30YrCancerRMP_Inh	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

506	ALL	464946.3	3770692	1.63E-06	30YrCancerRMP_Inh	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	464746.3	3770517	1.62E-06	30YrCancerRMP_Inh	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	464771.3	3770542	1.62E-06	30YrCancerRMP_Inh	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	464721.3	3770492	1.62E-06	30YrCancerRMP_Inh	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	464796.3	3770567	1.62E-06	30YrCancerRMP_Inh	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	465021.3	3770742	1.61E-06	30YrCancerRMP_Inh	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	464696.3	3770467	1.61E-06	30YrCancerRMP_Inh	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	464846.3	3770617	1.60E-06	30YrCancerRMP_Inh	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	464821.3	3770592	1.60E-06	30YrCancerRMP_Inh	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	464871.3	3770642	1.59E-06	30YrCancerRMP_Inh	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	464971.3	3770717	1.59E-06	30YrCancerRMP_Inh	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	464896.3	3770667	1.59E-06	30YrCancerRMP_Inh	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	464921.3	3770692	1.57E-06	30YrCancerRMP_Inh	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	464771.3	3770567	1.57E-06	30YrCancerRMP_Inh	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	464721.3	3770517	1.57E-06	30YrCancerRMP_Inh	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	464746.3	3770542	1.56E-06	30YrCancerRMP_Inh	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	464696.3	3770492	1.56E-06	30YrCancerRMP_Inh	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	464796.3	3770592	1.56E-06	30YrCancerRMP_Inh	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	464996.3	3770742	1.56E-06	30YrCancerRMP_Inh	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	464946.3	3770717	1.56E-06	30YrCancerRMP_Inh	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	465021.3	3770767	1.54E-06	30YrCancerRMP_Inh	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	464871.3	3770667	1.54E-06	30YrCancerRMP_Inh	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	464821.3	3770617	1.54E-06	30YrCancerRMP_Inh	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	464846.3	3770642	1.53E-06	30YrCancerRMP_Inh	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	464896.3	3770692	1.52E-06	30YrCancerRMP_Inh	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	464971.3	3770742	1.52E-06	30YrCancerRMP_Inh	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	464771.3	3770592	1.52E-06	30YrCancerRMP_Inh	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	464696.3	3770517	1.52E-06	30YrCancerRMP_Inh	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	464746.3	3770567	1.51E-06	30YrCancerRMP_Inh	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	464721.3	3770542	1.51E-06	30YrCancerRMP_Inh	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	464921.3	3770717	1.51E-06	30YrCancerRMP_Inh	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	464796.3	3770617	1.50E-06	30YrCancerRMP_Inh	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	464946.3	3770742	1.49E-06	30YrCancerRMP_Inh	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	464996.3	3770767	1.49E-06	30YrCancerRMP_Inh	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	464846.3	3770667	1.49E-06	30YrCancerRMP_Inh	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	464821.3	3770642	1.48E-06	30YrCancerRMP_Inh	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	464871.3	3770692	1.48E-06	30YrCancerRMP_Inh	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	464746.3	3770592	1.47E-06	30YrCancerRMP_Inh	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	464721.3	3770567	1.46E-06	30YrCancerRMP_Inh	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	464971.3	3770767	1.46E-06	30YrCancerRMP_Inh	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	464696.3	3770542	1.46E-06	30YrCancerRMP_Inh	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	464771.3	3770617	1.45E-06	30YrCancerRMP_Inh	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	464896.3	3770717	1.45E-06	30YrCancerRMP_Inh	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	464921.3	3770742	1.45E-06	30YrCancerRMP_Inh	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	464796.3	3770642	1.45E-06	30YrCancerRMP_Inh	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	464846.3	3770692	1.44E-06	30YrCancerRMP_Inh	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	464821.3	3770667	1.44E-06	30YrCancerRMP_Inh	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	464946.3	3770767	1.43E-06	30YrCancerRMP_Inh	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	464721.3	3770592	1.42E-06	30YrCancerRMP_Inh	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	464871.3	3770717	1.42E-06	30YrCancerRMP_Inh	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	464696.3	3770567	1.41E-06	30YrCancerRMP_Inh	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

449	ALL	464746.3	3770617	1.40E-06	30YrCancerRMP_Inh	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	464896.3	3770742	1.40E-06	30YrCancerRMP_Inh	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	464771.3	3770642	1.39E-06	30YrCancerRMP_Inh	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	464796.3	3770667	1.39E-06	30YrCancerRMP_Inh	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	464921.3	3770767	1.39E-06	30YrCancerRMP_Inh	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	464821.3	3770692	1.38E-06	30YrCancerRMP_Inh	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	464846.3	3770717	1.38E-06	30YrCancerRMP_Inh	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	464696.3	3770592	1.37E-06	30YrCancerRMP_Inh	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	464871.3	3770742	1.36E-06	30YrCancerRMP_Inh	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	464721.3	3770617	1.36E-06	30YrCancerRMP_Inh	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	464771.3	3770667	1.35E-06	30YrCancerRMP_Inh	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	464896.3	3770767	1.34E-06	30YrCancerRMP_Inh	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	464746.3	3770642	1.34E-06	30YrCancerRMP_Inh	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	464796.3	3770692	1.34E-06	30YrCancerRMP_Inh	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	464846.3	3770742	1.33E-06	30YrCancerRMP_Inh	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	464821.3	3770717	1.33E-06	30YrCancerRMP_Inh	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	464696.3	3770617	1.32E-06	30YrCancerRMP_Inh	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	464871.3	3770767	1.31E-06	30YrCancerRMP_Inh	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	464771.3	3770692	1.30E-06	30YrCancerRMP_Inh	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	464746.3	3770667	1.30E-06	30YrCancerRMP_Inh	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	464721.3	3770642	1.29E-06	30YrCancerRMP_Inh	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	464846.3	3770767	1.29E-06	30YrCancerRMP_Inh	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	464821.3	3770742	1.28E-06	30YrCancerRMP_Inh	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	464796.3	3770717	1.28E-06	30YrCancerRMP_Inh	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	464746.3	3770692	1.26E-06	30YrCancerRMP_Inh	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	464771.3	3770717	1.26E-06	30YrCancerRMP_Inh	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	464696.3	3770642	1.26E-06	30YrCancerRMP_Inh	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	464721.3	3770667	1.26E-06	30YrCancerRMP_Inh	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	464821.3	3770767	1.24E-06	30YrCancerRMP_Inh	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	464796.3	3770742	1.24E-06	30YrCancerRMP_Inh	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	464696.3	3770667	1.22E-06	30YrCancerRMP_Inh	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	464721.3	3770692	1.22E-06	30YrCancerRMP_Inh	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	464746.3	3770717	1.22E-06	30YrCancerRMP_Inh	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	464771.3	3770742	1.21E-06	30YrCancerRMP_Inh	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	464796.3	3770767	1.20E-06	30YrCancerRMP_Inh	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	464696.3	3770692	1.19E-06	30YrCancerRMP_Inh	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	464721.3	3770717	1.18E-06	30YrCancerRMP_Inh	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	464746.3	3770742	1.18E-06	30YrCancerRMP_Inh	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	464771.3	3770767	1.18E-06	30YrCancerRMP_Inh	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	464696.3	3770717	1.16E-06	30YrCancerRMP_Inh	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	464721.3	3770742	1.15E-06	30YrCancerRMP_Inh	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	464746.3	3770767	1.14E-06	30YrCancerRMP_Inh	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	464696.3	3770742	1.13E-06	30YrCancerRMP_Inh	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	464721.3	3770767	1.12E-06	30YrCancerRMP_Inh	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	464696.3	3770767	1.10E-06	30YrCancerRMP_Inh	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Alice Willow Warehouse Project Operations

*HARP - HRACalc v22118 1/12/2023 1:42:47 PM - Chronic Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
318	ALL		465971.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
319	ALL		465996.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
320	ALL		466021.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
317	ALL		465946.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
316	ALL		465921.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
315	ALL		465896.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
99	ALL		465071.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
314	ALL		465871.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
149	ALL		465121.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
341	ALL		466021.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
340	ALL		465996.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
339	ALL		465971.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
115	ALL		465071.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
338	ALL		465946.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
69	ALL		465021.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
337	ALL		465921.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
98	ALL		465046.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
167	ALL		465121.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
336	ALL		465896.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
148	ALL		465096.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
335	ALL		465871.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
131	ALL		465071.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
83	ALL		465021.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
362	ALL		466021.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
114	ALL		465046.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
361	ALL		465996.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
360	ALL		465971.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
359	ALL		465946.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
166	ALL		465096.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
97	ALL		465021.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
147	ALL		465071.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
185	ALL		465121.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
68	ALL		464996.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
358	ALL		465921.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
130	ALL		465046.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
357	ALL		465896.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
356	ALL		465871.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
113	ALL		465021.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
383	ALL		466021.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
82	ALL		464996.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
382	ALL		465996.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
203	ALL		465121.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
165	ALL		465071.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
381	ALL		465971.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
184	ALL		465096.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
146	ALL		465046.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
380	ALL		465946.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
96	ALL		464996.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
129	ALL		465021.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
379	ALL		465921.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
67	ALL		464971.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
221	ALL		465121.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
378	ALL		465896.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
202	ALL		465096.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
377	ALL		465871.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
183	ALL		465071.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
404	ALL		466021.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
164	ALL		465046.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03

112	ALL	464996.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
81	ALL	464971.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
403	ALL	465996.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
45	ALL	465946.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
239	ALL	465121.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
145	ALL	465021.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
402	ALL	465971.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
401	ALL	465946.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
257	ALL	465121.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
128	ALL	464996.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
46	ALL	465971.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
220	ALL	465096.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
95	ALL	464971.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
400	ALL	465921.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
66	ALL	464946.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
201	ALL	465071.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
182	ALL	465046.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
34	ALL	465946.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
163	ALL	465021.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
399	ALL	465896.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
425	ALL	466021.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
47	ALL	465996.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
238	ALL	465096.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
111	ALL	464971.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
398	ALL	465871.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
144	ALL	464996.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
424	ALL	465996.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
80	ALL	464946.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
35	ALL	465971.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
423	ALL	465971.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
256	ALL	465096.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
219	ALL	465071.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
422	ALL	465946.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
200	ALL	465046.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
48	ALL	466021.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
23	ALL	465946.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
127	ALL	464971.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
65	ALL	464921.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
94	ALL	464946.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
181	ALL	465021.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
36	ALL	465996.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
421	ALL	465921.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
162	ALL	464996.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
237	ALL	465071.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
24	ALL	465971.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
49	ALL	466046.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
110	ALL	464946.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
446	ALL	466021.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
79	ALL	464921.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
255	ALL	465071.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
143	ALL	464971.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
420	ALL	465896.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
37	ALL	466021.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
218	ALL	465046.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
445	ALL	465996.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
12	ALL	465946.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
199	ALL	465021.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
419	ALL	465871.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
25	ALL	465996.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
444	ALL	465971.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
64	ALL	464896.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
93	ALL	464921.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03

126	ALL	464946.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
50	ALL	466071.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
180	ALL	464996.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
443	ALL	465946.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
13	ALL	465971.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
38	ALL	466046.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
236	ALL	465046.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
161	ALL	464971.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04
26	ALL	466021.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
1	ALL	465946.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-04
442	ALL	465921.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-04
109	ALL	464921.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-04
78	ALL	464896.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-04
217	ALL	465021.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-04
14	ALL	465996.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
142	ALL	464946.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
51	ALL	466096.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04
467	ALL	466021.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04
254	ALL	465046.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04
39	ALL	466071.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04
198	ALL	464996.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
441	ALL	465896.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
27	ALL	466046.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-04
63	ALL	464871.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04
466	ALL	465996.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04
2	ALL	465971.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04
92	ALL	464896.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04
125	ALL	464921.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-04
440	ALL	465871.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
15	ALL	466021.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
179	ALL	464971.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04
465	ALL	465971.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-04
52	ALL	466121.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04
235	ALL	465021.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04
160	ALL	464946.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-04
40	ALL	466096.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-04
3	ALL	465996.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-04
464	ALL	465946.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04
28	ALL	466071.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04
108	ALL	464896.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-04
77	ALL	464871.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-04
141	ALL	464921.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04
16	ALL	466046.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-04
216	ALL	464996.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04
463	ALL	465921.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
4	ALL	466021.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04
197	ALL	464971.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04
62	ALL	464846.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-04
91	ALL	464871.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-04
53	ALL	466146.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04
124	ALL	464896.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
41	ALL	466121.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
29	ALL	466096.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04
253	ALL	465021.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04
178	ALL	464946.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-04
462	ALL	465896.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04
17	ALL	466071.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04
159	ALL	464921.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04
5	ALL	466046.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04
461	ALL	465871.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04
107	ALL	464871.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04
76	ALL	464846.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04

234	ALL	464996.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04
140	ALL	464896.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-04
42	ALL	466146.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
54	ALL	466171.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
30	ALL	466121.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-04
215	ALL	464971.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-04
18	ALL	466096.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
196	ALL	464946.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-04
61	ALL	464821.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-04
271	ALL	465021.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04
6	ALL	466071.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-04
90	ALL	464846.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-04
123	ALL	464871.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-04
177	ALL	464921.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
43	ALL	466171.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04
31	ALL	466146.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04
55	ALL	466196.3	3769367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
158	ALL	464896.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-04
19	ALL	466121.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04
75	ALL	464821.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04
252	ALL	464996.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04
106	ALL	464846.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04
7	ALL	466096.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04
139	ALL	464871.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
214	ALL	464946.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
60	ALL	464796.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04
285	ALL	465021.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04
233	ALL	464971.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04
89	ALL	464821.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-04
195	ALL	464921.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04
32	ALL	466171.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04
122	ALL	464846.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
44	ALL	466196.3	3769342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
20	ALL	466146.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04
8	ALL	466121.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04
74	ALL	464796.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04
176	ALL	464896.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04
270	ALL	464996.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04
105	ALL	464821.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04
157	ALL	464871.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04
138	ALL	464846.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
232	ALL	464946.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
59	ALL	464771.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
299	ALL	465021.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
251	ALL	464971.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04
33	ALL	466196.3	3769317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04
21	ALL	466171.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04
88	ALL	464796.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
9	ALL	466146.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04
213	ALL	464921.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-04
121	ALL	464821.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
194	ALL	464896.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-04
284	ALL	464996.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04
73	ALL	464771.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04
175	ALL	464871.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
104	ALL	464796.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
22	ALL	466196.3	3769292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
10	ALL	466171.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04
156	ALL	464846.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04
250	ALL	464946.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04
58	ALL	464746.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04
269	ALL	464971.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04

313	ALL	465021.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04
137	ALL	464821.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-04
87	ALL	464771.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
231	ALL	464921.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04
193	ALL	464871.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04
212	ALL	464896.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
120	ALL	464796.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
11	ALL	466196.3	3769267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04
298	ALL	464996.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
72	ALL	464746.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04
174	ALL	464846.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
103	ALL	464771.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04
155	ALL	464821.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04
268	ALL	464946.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04
283	ALL	464971.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04
57	ALL	464721.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04
334	ALL	465021.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
86	ALL	464746.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04
136	ALL	464796.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
211	ALL	464871.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-04
249	ALL	464921.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
230	ALL	464896.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
192	ALL	464846.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04
312	ALL	464996.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04
119	ALL	464771.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04
71	ALL	464721.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
102	ALL	464746.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04
173	ALL	464821.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
282	ALL	464946.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04
297	ALL	464971.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
154	ALL	464796.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04
56	ALL	464696.3	3770067	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-04
229	ALL	464871.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-04
355	ALL	465021.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
85	ALL	464721.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
267	ALL	464921.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04
135	ALL	464771.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04
210	ALL	464846.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04
248	ALL	464896.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04
333	ALL	464996.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
118	ALL	464746.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04
191	ALL	464821.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04
70	ALL	464696.3	3770092	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04
101	ALL	464721.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
172	ALL	464796.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04
296	ALL	464946.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04
311	ALL	464971.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
247	ALL	464871.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
153	ALL	464771.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04
281	ALL	464921.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04
228	ALL	464846.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04
84	ALL	464696.3	3770117	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04
266	ALL	464896.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04
376	ALL	465021.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04
134	ALL	464746.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04
209	ALL	464821.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04
354	ALL	464996.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
117	ALL	464721.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
190	ALL	464796.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04
310	ALL	464946.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
100	ALL	464696.3	3770142	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
332	ALL	464971.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04

265	ALL	464871.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
171	ALL	464771.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04
246	ALL	464846.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
295	ALL	464921.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
152	ALL	464746.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
280	ALL	464896.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04
208	ALL	464796.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
133	ALL	464721.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
227	ALL	464821.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
397	ALL	465021.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04
375	ALL	464996.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04
116	ALL	464696.3	3770167	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04
189	ALL	464771.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
331	ALL	464946.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
353	ALL	464971.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
279	ALL	464871.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
264	ALL	464846.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04
309	ALL	464921.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04
170	ALL	464746.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
226	ALL	464796.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
294	ALL	464896.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04
245	ALL	464821.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04
151	ALL	464721.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
207	ALL	464771.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04
132	ALL	464696.3	3770192	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04
418	ALL	465021.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04
396	ALL	464996.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
352	ALL	464946.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
188	ALL	464746.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
244	ALL	464796.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
374	ALL	464971.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
293	ALL	464871.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04
330	ALL	464921.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04
278	ALL	464846.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
263	ALL	464821.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
308	ALL	464896.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
225	ALL	464771.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
169	ALL	464721.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
150	ALL	464696.3	3770217	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
206	ALL	464746.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
417	ALL	464996.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04
262	ALL	464796.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04
373	ALL	464946.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-04
439	ALL	465021.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
395	ALL	464971.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
187	ALL	464721.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
243	ALL	464771.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
351	ALL	464921.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04
307	ALL	464871.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04
277	ALL	464821.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
292	ALL	464846.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04
329	ALL	464896.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04
168	ALL	464696.3	3770242	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
224	ALL	464746.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
276	ALL	464796.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04
394	ALL	464946.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
205	ALL	464721.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
261	ALL	464771.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04
416	ALL	464971.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04
438	ALL	464996.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
372	ALL	464921.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
328	ALL	464871.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04

186	ALL	464696.3	3770267	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
291	ALL	464821.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
350	ALL	464896.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
242	ALL	464746.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04
306	ALL	464846.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
460	ALL	465021.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
223	ALL	464721.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
290	ALL	464796.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
415	ALL	464946.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04
275	ALL	464771.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
437	ALL	464971.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
393	ALL	464921.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
204	ALL	464696.3	3770292	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
349	ALL	464871.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
260	ALL	464746.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04
371	ALL	464896.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
305	ALL	464821.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
327	ALL	464846.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
241	ALL	464721.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
459	ALL	464996.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04
289	ALL	464771.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04
304	ALL	464796.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
481	ALL	465021.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
222	ALL	464696.3	3770317	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
436	ALL	464946.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
414	ALL	464921.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
370	ALL	464871.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04
392	ALL	464896.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
274	ALL	464746.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
348	ALL	464846.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
259	ALL	464721.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
326	ALL	464821.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
458	ALL	464971.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
240	ALL	464696.3	3770342	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
303	ALL	464771.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
325	ALL	464796.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
480	ALL	464996.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
435	ALL	464921.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
391	ALL	464871.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
413	ALL	464896.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
288	ALL	464746.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
495	ALL	465021.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
369	ALL	464846.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
457	ALL	464946.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
273	ALL	464721.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
347	ALL	464821.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
258	ALL	464696.3	3770367	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
479	ALL	464971.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
412	ALL	464871.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
346	ALL	464796.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
324	ALL	464771.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
434	ALL	464896.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
302	ALL	464746.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
494	ALL	464996.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
287	ALL	464721.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
390	ALL	464846.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
456	ALL	464921.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
368	ALL	464821.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
272	ALL	464696.3	3770392	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
509	ALL	465021.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
478	ALL	464946.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
345	ALL	464771.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04

493	ALL	464971.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
433	ALL	464871.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
367	ALL	464796.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
301	ALL	464721.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
411	ALL	464846.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
323	ALL	464746.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
286	ALL	464696.3	3770417	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
455	ALL	464896.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
389	ALL	464821.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
508	ALL	464996.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
477	ALL	464921.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
492	ALL	464946.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
366	ALL	464771.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
523	ALL	465021.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
388	ALL	464796.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04
344	ALL	464746.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
432	ALL	464846.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
300	ALL	464696.3	3770442	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
322	ALL	464721.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
507	ALL	464971.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
454	ALL	464871.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
410	ALL	464821.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
476	ALL	464896.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
491	ALL	464921.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
522	ALL	464996.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
506	ALL	464946.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
365	ALL	464746.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
387	ALL	464771.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
343	ALL	464721.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
409	ALL	464796.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
537	ALL	465021.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
321	ALL	464696.3	3770467	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
453	ALL	464846.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
431	ALL	464821.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
475	ALL	464871.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
521	ALL	464971.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
490	ALL	464896.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
505	ALL	464921.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04
408	ALL	464771.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
364	ALL	464721.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
386	ALL	464746.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
342	ALL	464696.3	3770492	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
430	ALL	464796.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
536	ALL	464996.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
520	ALL	464946.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
551	ALL	465021.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
489	ALL	464871.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
452	ALL	464821.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
474	ALL	464846.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
504	ALL	464896.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
535	ALL	464971.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
429	ALL	464771.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
363	ALL	464696.3	3770517	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
407	ALL	464746.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
385	ALL	464721.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
519	ALL	464921.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04
451	ALL	464796.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
534	ALL	464946.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
550	ALL	464996.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
488	ALL	464846.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
473	ALL	464821.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04
503	ALL	464871.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04

428	ALL	464746.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
406	ALL	464721.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
549	ALL	464971.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
384	ALL	464696.3	3770542	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
450	ALL	464771.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
518	ALL	464896.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
533	ALL	464921.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
472	ALL	464796.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
502	ALL	464846.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
487	ALL	464821.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
548	ALL	464946.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
427	ALL	464721.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
517	ALL	464871.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
405	ALL	464696.3	3770567	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
449	ALL	464746.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
532	ALL	464896.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
471	ALL	464771.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
486	ALL	464796.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
547	ALL	464921.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
501	ALL	464821.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
516	ALL	464846.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
426	ALL	464696.3	3770592	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
531	ALL	464871.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
448	ALL	464721.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
485	ALL	464771.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
546	ALL	464896.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
470	ALL	464746.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
500	ALL	464796.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
530	ALL	464846.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
515	ALL	464821.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
447	ALL	464696.3	3770617	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
545	ALL	464871.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
499	ALL	464771.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
484	ALL	464746.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
469	ALL	464721.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
544	ALL	464846.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
529	ALL	464821.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
514	ALL	464796.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
498	ALL	464746.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
513	ALL	464771.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
468	ALL	464696.3	3770642	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
483	ALL	464721.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
543	ALL	464821.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
528	ALL	464796.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
482	ALL	464696.3	3770667	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
497	ALL	464721.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
512	ALL	464746.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
527	ALL	464771.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
542	ALL	464796.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
496	ALL	464696.3	3770692	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
511	ALL	464721.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
526	ALL	464746.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
541	ALL	464771.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
510	ALL	464696.3	3770717	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
525	ALL	464721.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
540	ALL	464746.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
524	ALL	464696.3	3770742	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
539	ALL	464721.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
538	ALL	464696.3	3770767	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 1/10/2023
** File: C:\Lakes\AERMOD View\Alice-Willow Const\Alice-Willow Const.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Alice-Willow Const\Alice-Willow Const.isc
   TITLETWO Alice-Willow Warehouse - Construction HRA
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2035210 San_Bernardino_County_Population
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Alice-Willow Const.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Equipment and Truck Exhaust
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 31
** 465446.268, 3770016.808, 324.20, 5.00, 4.65
** 465444.935, 3769871.173, 321.87, 5.00, 4.65
** 465488.925, 3769873.839, 321.35, 5.00, 4.65
** 465547.246, 3769885.836, 321.51, 5.00, 4.65
** 465616.231, 3769913.497, 321.21, 5.00, 4.65
** 465615.898, 3770017.807, 323.27, 5.00, 4.65
** 465456.599, 3770017.141, 323.84, 5.00, 4.65
** 465454.933, 3769884.836, 321.65, 5.00, 4.65
** 465491.258, 3769885.170, 321.53, 5.00, 4.65
** 465544.247, 3769896.834, 321.74, 5.00, 4.65
** 465605.234, 3769919.162, 321.40, 5.00, 4.65
** 465605.234, 3770007.476, 322.94, 5.00, 4.65
** 465468.263, 3770007.810, 323.43, 5.00, 4.65
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** 465467.264, 3769897.500, 321.85, 5.00, 4.65
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SRCPARAM L0000638     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000639     0.0048076923      5.00      4.65      4.65
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SRCPARAM L0000642     0.0048076923      5.00      4.65      4.65
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SRCPARAM L0000647     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000648     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000649     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000650     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000651     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000652     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000653     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000654     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000655     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000656     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000657     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000658     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000659     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000660     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000661     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000662     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000663     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000664     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000665     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000666     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000667     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000668     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000669     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000670     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000671     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000672     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000673     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000674     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000675     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000676     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000677     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000678     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000679     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000680     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000681     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000682     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000683     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000684     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000685     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000686     0.0048076923      5.00      4.65      4.65
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SRCPARAM L0000687     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000688     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000689     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000690     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000691     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000692     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000693     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000694     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000695     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000696     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000697     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000698     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000699     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000700     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000701     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000702     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000703     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000704     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000705     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000706     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000707     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000708     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000709     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000710     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000711     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000712     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000713     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000714     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000715     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000716     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000717     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000718     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000719     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000720     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000721     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000722     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000723     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000724     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000725     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000726     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000727     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000728     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000729     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000730     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000731     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000732     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000733     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000734     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000735     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000736     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000737     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000738     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000739     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000740     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000741     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000742     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000743     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000744     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000745     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000746     0.0048076923      5.00      4.65      4.65
SRCPARAM L0000747     0.0048076923      5.00      4.65      4.65
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   SRCPARAM L0000748     0.0048076923      5.00      4.65      4.65
   SRCPARAM L0000749     0.0048076923      5.00      4.65      4.65
   SRCPARAM L0000750     0.0048076923      5.00      4.65      4.65
   SRCPARAM L0000751     0.0048076923      5.00      4.65      4.65
   SRCPARAM L0000752     0.0048076923      5.00      4.65      4.65
   SRCPARAM L0000753     0.0048076923      5.00      4.65      4.65
   SRCPARAM L0000754     0.0048076923      5.00      4.65      4.65
   SRCPARAM L0000755     0.0048076923      5.00      4.65      4.65
   SRCPARAM L0000756     0.0048076923      5.00      4.65      4.65
   SRCPARAM L0000757     0.0048076923      5.00      4.65      4.65
   SRCPARAM L0000758     0.0048076923      5.00      4.65      4.65
** ----------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Alice-Willow Const.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "Alice-Willow Const.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "Alice-Willow Const.AD\PE00GALL.PLT" 32
   SUMMFILE "Alice-Willow Const.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)
```

```
   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186     525       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
 ME W187     525       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Const\Alice-Willow Const.isc
     ***        01/10/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Construction HRA
     ***        14:28:17

                PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   208 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    208 Source(s);       1 Source Group(s); and     551 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                  and:    208 VOLUME source(s)
                  and:      0 AREA type source(s)
                  and:      0 LINE source(s)
                  and:      0 RLINE/RLINEXT source(s)
                  and:      0 OPENPIT source(s)
                  and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                  and:      0 SWPOINT source(s)
```

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ; Decay Coef. =   0.000   ;
Rot. Angle =   0.0
Emission Units = GRAMS/SEC   ; Emission Rate Unit
Factor =   0.10000E+07
Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =   3.7 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Alice-Willow Const.err

**File for Summary of Results: Alice-Willow Const.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000551	0	0.48077E-02	465446.2	3770011.8	323.9	5.00	4.65	4.65	YES	
L0000552	0	0.48077E-02	465446.1	3770001.8	323.6	5.00	4.65	4.65	YES	
L0000553	0	0.48077E-02	465446.0	3769991.8	323.3	5.00	4.65	4.65	YES	
L0000554	0	0.48077E-02	465445.9	3769981.8	323.1	5.00	4.65	4.65	YES	

L0000555	0	0.48077E-02	465445.9	3769971.8	322.9	5.00	4.65	4.65	YES
L0000556	0	0.48077E-02	465445.8	3769961.8	322.8	5.00	4.65	4.65	YES
L0000557	0	0.48077E-02	465445.7	3769951.8	322.7	5.00	4.65	4.65	YES
L0000558	0	0.48077E-02	465445.6	3769941.8	322.6	5.00	4.65	4.65	YES
L0000559	0	0.48077E-02	465445.5	3769931.8	322.5	5.00	4.65	4.65	YES
L0000560	0	0.48077E-02	465445.4	3769921.8	322.3	5.00	4.65	4.65	YES
L0000561	0	0.48077E-02	465445.3	3769911.8	322.2	5.00	4.65	4.65	YES
L0000562	0	0.48077E-02	465445.2	3769901.8	322.1	5.00	4.65	4.65	YES
L0000563	0	0.48077E-02	465445.1	3769891.8	322.0	5.00	4.65	4.65	YES
L0000564	0	0.48077E-02	465445.0	3769881.8	321.9	5.00	4.65	4.65	YES
L0000565	0	0.48077E-02	465444.9	3769871.8	321.8	5.00	4.65	4.65	YES
L0000566	0	0.48077E-02	465454.3	3769871.7	321.6	5.00	4.65	4.65	YES
L0000567	0	0.48077E-02	465464.3	3769872.3	321.5	5.00	4.65	4.65	YES
L0000568	0	0.48077E-02	465474.2	3769872.9	321.4	5.00	4.65	4.65	YES
L0000569	0	0.48077E-02	465484.2	3769873.6	321.4	5.00	4.65	4.65	YES
L0000570	0	0.48077E-02	465494.1	3769874.9	321.4	5.00	4.65	4.65	YES
L0000571	0	0.48077E-02	465503.9	3769876.9	321.4	5.00	4.65	4.65	YES
L0000572	0	0.48077E-02	465513.7	3769878.9	321.4	5.00	4.65	4.65	YES
L0000573	0	0.48077E-02	465523.5	3769880.9	321.4	5.00	4.65	4.65	YES
L0000574	0	0.48077E-02	465533.3	3769883.0	321.4	5.00	4.65	4.65	YES
L0000575	0	0.48077E-02	465543.1	3769885.0	321.4	5.00	4.65	4.65	YES
L0000576	0	0.48077E-02	465552.6	3769888.0	321.4	5.00	4.65	4.65	YES
L0000577	0	0.48077E-02	465561.9	3769891.7	321.5	5.00	4.65	4.65	YES
L0000578	0	0.48077E-02	465571.1	3769895.4	321.5	5.00	4.65	4.65	YES
L0000579	0	0.48077E-02	465580.4	3769899.1	321.5	5.00	4.65	4.65	YES
L0000580	0	0.48077E-02	465589.7	3769902.9	321.5	5.00	4.65	4.65	YES
L0000581	0	0.48077E-02	465599.0	3769906.6	321.4	5.00	4.65	4.65	YES
L0000582	0	0.48077E-02	465608.3	3769910.3	321.4	5.00	4.65	4.65	YES
L0000583	0	0.48077E-02	465616.2	3769914.9	321.3	5.00	4.65	4.65	YES
L0000584	0	0.48077E-02	465616.2	3769924.9	321.5	5.00	4.65	4.65	YES
L0000585	0	0.48077E-02	465616.2	3769934.9	321.7	5.00	4.65	4.65	YES

L0000586	0	0.48077E-02	465616.1	3769944.9	321.9	5.00	4.65	4.65	YES
L0000587	0	0.48077E-02	465616.1	3769954.9	322.0	5.00	4.65	4.65	YES
L0000588	0	0.48077E-02	465616.1	3769964.9	322.2	5.00	4.65	4.65	YES
L0000589	0	0.48077E-02	465616.0	3769974.9	322.4	5.00	4.65	4.65	YES
L0000590	0	0.48077E-02	465616.0	3769984.9	322.5	5.00	4.65	4.65	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000591	0	0.48077E-02	465616.0	3769994.9	322.7	5.00	4.65	4.65	YES	
L0000592	0	0.48077E-02	465615.9	3770004.9	322.9	5.00	4.65	4.65	YES	
L0000593	0	0.48077E-02	465615.9	3770014.9	323.1	5.00	4.65	4.65	YES	
L0000594	0	0.48077E-02	465608.8	3770017.8	323.2	5.00	4.65	4.65	YES	
L0000595	0	0.48077E-02	465598.8	3770017.7	323.3	5.00	4.65	4.65	YES	
L0000596	0	0.48077E-02	465588.8	3770017.7	323.4	5.00	4.65	4.65	YES	
L0000597	0	0.48077E-02	465578.8	3770017.7	323.4	5.00	4.65	4.65	YES	
L0000598	0	0.48077E-02	465568.8	3770017.6	323.4	5.00	4.65	4.65	YES	
L0000599	0	0.48077E-02	465558.8	3770017.6	323.4	5.00	4.65	4.65	YES	
L0000600	0	0.48077E-02	465548.8	3770017.5	323.5	5.00	4.65	4.65	YES	
L0000601	0	0.48077E-02	465538.8	3770017.5	323.5	5.00	4.65	4.65	YES	
L0000602	0	0.48077E-02	465528.8	3770017.4	323.5	5.00	4.65	4.65	YES	
L0000603	0	0.48077E-02	465518.8	3770017.4	323.5	5.00	4.65	4.65	YES	
L0000604	0	0.48077E-02	465508.8	3770017.4	323.5	5.00	4.65	4.65	YES	
L0000605	0	0.48077E-02	465498.8	3770017.3	323.6	5.00	4.65	4.65	YES	

L0000606	0	0.48077E-02	465488.8	3770017.3	323.6	5.00	4.65	4.65	YES
L0000607	0	0.48077E-02	465478.8	3770017.2	323.7	5.00	4.65	4.65	YES
L0000608	0	0.48077E-02	465468.8	3770017.2	323.7	5.00	4.65	4.65	YES
L0000609	0	0.48077E-02	465458.8	3770017.1	323.8	5.00	4.65	4.65	YES
L0000610	0	0.48077E-02	465456.5	3770009.3	323.6	5.00	4.65	4.65	YES
L0000611	0	0.48077E-02	465456.4	3769999.3	323.4	5.00	4.65	4.65	YES
L0000612	0	0.48077E-02	465456.2	3769989.3	323.1	5.00	4.65	4.65	YES
L0000613	0	0.48077E-02	465456.1	3769979.3	322.9	5.00	4.65	4.65	YES
L0000614	0	0.48077E-02	465456.0	3769969.3	322.8	5.00	4.65	4.65	YES
L0000615	0	0.48077E-02	465455.9	3769959.3	322.6	5.00	4.65	4.65	YES
L0000616	0	0.48077E-02	465455.7	3769949.3	322.5	5.00	4.65	4.65	YES
L0000617	0	0.48077E-02	465455.6	3769939.3	322.4	5.00	4.65	4.65	YES
L0000618	0	0.48077E-02	465455.5	3769929.3	322.3	5.00	4.65	4.65	YES
L0000619	0	0.48077E-02	465455.4	3769919.3	322.2	5.00	4.65	4.65	YES
L0000620	0	0.48077E-02	465455.2	3769909.3	322.0	5.00	4.65	4.65	YES
L0000621	0	0.48077E-02	465455.1	3769899.3	321.9	5.00	4.65	4.65	YES
L0000622	0	0.48077E-02	465455.0	3769889.3	321.8	5.00	4.65	4.65	YES
L0000623	0	0.48077E-02	465460.4	3769884.9	321.7	5.00	4.65	4.65	YES
L0000624	0	0.48077E-02	465470.4	3769885.0	321.6	5.00	4.65	4.65	YES
L0000625	0	0.48077E-02	465480.4	3769885.1	321.6	5.00	4.65	4.65	YES
L0000626	0	0.48077E-02	465490.4	3769885.2	321.5	5.00	4.65	4.65	YES
L0000627	0	0.48077E-02	465500.2	3769887.1	321.5	5.00	4.65	4.65	YES
L0000628	0	0.48077E-02	465510.0	3769889.3	321.5	5.00	4.65	4.65	YES
L0000629	0	0.48077E-02	465519.7	3769891.4	321.6	5.00	4.65	4.65	YES
L0000630	0	0.48077E-02	465529.5	3769893.6	321.6	5.00	4.65	4.65	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000631	0	0.48077E-02	465539.3	3769895.7	321.6	5.00	4.65	4.65	YES	
L0000632	0	0.48077E-02	465548.9	3769898.5	321.7	5.00	4.65	4.65	YES	
L0000633	0	0.48077E-02	465558.2	3769902.0	321.7	5.00	4.65	4.65	YES	
L0000634	0	0.48077E-02	465567.6	3769905.4	321.7	5.00	4.65	4.65	YES	
L0000635	0	0.48077E-02	465577.0	3769908.8	321.7	5.00	4.65	4.65	YES	
L0000636	0	0.48077E-02	465586.4	3769912.3	321.7	5.00	4.65	4.65	YES	
L0000637	0	0.48077E-02	465595.8	3769915.7	321.7	5.00	4.65	4.65	YES	
L0000638	0	0.48077E-02	465605.2	3769919.1	321.6	5.00	4.65	4.65	YES	
L0000639	0	0.48077E-02	465605.2	3769929.1	321.8	5.00	4.65	4.65	YES	
L0000640	0	0.48077E-02	465605.2	3769939.1	321.9	5.00	4.65	4.65	YES	
L0000641	0	0.48077E-02	465605.2	3769949.1	322.1	5.00	4.65	4.65	YES	
L0000642	0	0.48077E-02	465605.2	3769959.1	322.3	5.00	4.65	4.65	YES	
L0000643	0	0.48077E-02	465605.2	3769969.1	322.4	5.00	4.65	4.65	YES	
L0000644	0	0.48077E-02	465605.2	3769979.1	322.6	5.00	4.65	4.65	YES	
L0000645	0	0.48077E-02	465605.2	3769989.1	322.8	5.00	4.65	4.65	YES	
L0000646	0	0.48077E-02	465605.2	3769999.1	322.9	5.00	4.65	4.65	YES	
L0000647	0	0.48077E-02	465603.6	3770007.5	323.1	5.00	4.65	4.65	YES	
L0000648	0	0.48077E-02	465593.6	3770007.5	323.2	5.00	4.65	4.65	YES	
L0000649	0	0.48077E-02	465583.6	3770007.5	323.2	5.00	4.65	4.65	YES	
L0000650	0	0.48077E-02	465573.6	3770007.6	323.2	5.00	4.65	4.65	YES	
L0000651	0	0.48077E-02	465563.6	3770007.6	323.3	5.00	4.65	4.65	YES	
L0000652	0	0.48077E-02	465553.6	3770007.6	323.3	5.00	4.65	4.65	YES	
L0000653	0	0.48077E-02	465543.6	3770007.6	323.3	5.00	4.65	4.65	YES	
L0000654	0	0.48077E-02	465533.6	3770007.7	323.3	5.00	4.65	4.65	YES	
L0000655	0	0.48077E-02	465523.6	3770007.7	323.3	5.00	4.65	4.65	YES	
L0000656	0	0.48077E-02	465513.6	3770007.7	323.3	5.00	4.65	4.65	YES	

L0000657	0	0.48077E-02	465503.6	3770007.7	323.3	5.00	4.65	4.65	YES
L0000658	0	0.48077E-02	465493.6	3770007.7	323.4	5.00	4.65	4.65	YES
L0000659	0	0.48077E-02	465483.6	3770007.8	323.4	5.00	4.65	4.65	YES
L0000660	0	0.48077E-02	465473.6	3770007.8	323.4	5.00	4.65	4.65	YES
L0000661	0	0.48077E-02	465468.2	3770003.1	323.3	5.00	4.65	4.65	YES
L0000662	0	0.48077E-02	465468.1	3769993.1	323.1	5.00	4.65	4.65	YES
L0000663	0	0.48077E-02	465468.0	3769983.1	322.9	5.00	4.65	4.65	YES
L0000664	0	0.48077E-02	465467.9	3769973.1	322.7	5.00	4.65	4.65	YES
L0000665	0	0.48077E-02	465467.9	3769963.1	322.6	5.00	4.65	4.65	YES
L0000666	0	0.48077E-02	465467.8	3769953.1	322.4	5.00	4.65	4.65	YES
L0000667	0	0.48077E-02	465467.7	3769943.1	322.4	5.00	4.65	4.65	YES
L0000668	0	0.48077E-02	465467.6	3769933.1	322.2	5.00	4.65	4.65	YES
L0000669	0	0.48077E-02	465467.5	3769923.1	322.1	5.00	4.65	4.65	YES
L0000670	0	0.48077E-02	465467.4	3769913.1	322.0	5.00	4.65	4.65	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000671	0	0.48077E-02	465467.3	3769903.1	321.8	5.00	4.65	4.65	YES	
L0000672	0	0.48077E-02	465471.6	3769898.0	321.8	5.00	4.65	4.65	YES	
L0000673	0	0.48077E-02	465481.5	3769899.0	321.7	5.00	4.65	4.65	YES	
L0000674	0	0.48077E-02	465491.5	3769900.1	321.7	5.00	4.65	4.65	YES	
L0000675	0	0.48077E-02	465501.4	3769901.2	321.7	5.00	4.65	4.65	YES	
L0000676	0	0.48077E-02	465511.3	3769902.4	321.8	5.00	4.65	4.65	YES	
L0000677	0	0.48077E-02	465521.0	3769904.9	321.8	5.00	4.65	4.65	YES	

L0000678	0	0.48077E-02	465530.7	3769907.5	321.8	5.00	4.65	4.65	YES
L0000679	0	0.48077E-02	465540.4	3769910.0	321.9	5.00	4.65	4.65	YES
L0000680	0	0.48077E-02	465550.1	3769912.5	321.9	5.00	4.65	4.65	YES
L0000681	0	0.48077E-02	465559.8	3769915.0	321.9	5.00	4.65	4.65	YES
L0000682	0	0.48077E-02	465569.4	3769917.5	321.9	5.00	4.65	4.65	YES
L0000683	0	0.48077E-02	465578.5	3769921.6	321.9	5.00	4.65	4.65	YES
L0000684	0	0.48077E-02	465587.6	3769925.8	321.9	5.00	4.65	4.65	YES
L0000685	0	0.48077E-02	465594.2	3769931.5	322.0	5.00	4.65	4.65	YES
L0000686	0	0.48077E-02	465594.1	3769941.5	322.2	5.00	4.65	4.65	YES
L0000687	0	0.48077E-02	465594.0	3769951.5	322.4	5.00	4.65	4.65	YES
L0000688	0	0.48077E-02	465593.9	3769961.5	322.6	5.00	4.65	4.65	YES
L0000689	0	0.48077E-02	465593.8	3769971.5	322.7	5.00	4.65	4.65	YES
L0000690	0	0.48077E-02	465593.7	3769981.5	322.8	5.00	4.65	4.65	YES
L0000691	0	0.48077E-02	465593.6	3769991.5	322.9	5.00	4.65	4.65	YES
L0000692	0	0.48077E-02	465586.2	3769994.2	323.0	5.00	4.65	4.65	YES
L0000693	0	0.48077E-02	465576.2	3769994.3	323.0	5.00	4.65	4.65	YES
L0000694	0	0.48077E-02	465566.2	3769994.4	323.1	5.00	4.65	4.65	YES
L0000695	0	0.48077E-02	465556.2	3769994.5	323.1	5.00	4.65	4.65	YES
L0000696	0	0.48077E-02	465546.2	3769994.6	323.1	5.00	4.65	4.65	YES
L0000697	0	0.48077E-02	465536.2	3769994.7	323.1	5.00	4.65	4.65	YES
L0000698	0	0.48077E-02	465526.2	3769994.8	323.1	5.00	4.65	4.65	YES
L0000699	0	0.48077E-02	465516.2	3769994.8	323.0	5.00	4.65	4.65	YES
L0000700	0	0.48077E-02	465506.2	3769994.9	323.0	5.00	4.65	4.65	YES
L0000701	0	0.48077E-02	465496.2	3769995.0	323.0	5.00	4.65	4.65	YES
L0000702	0	0.48077E-02	465486.2	3769995.1	323.0	5.00	4.65	4.65	YES
L0000703	0	0.48077E-02	465483.4	3769987.7	322.9	5.00	4.65	4.65	YES
L0000704	0	0.48077E-02	465483.2	3769977.7	322.7	5.00	4.65	4.65	YES
L0000705	0	0.48077E-02	465482.9	3769967.7	322.5	5.00	4.65	4.65	YES
L0000706	0	0.48077E-02	465482.7	3769957.7	322.4	5.00	4.65	4.65	YES
L0000707	0	0.48077E-02	465482.4	3769947.7	322.3	5.00	4.65	4.65	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000708	0	0.48077E-02	465482.2	3769937.8	322.2	5.00	4.65	4.65	YES	
L0000709	0	0.48077E-02	465481.9	3769927.8	322.1	5.00	4.65	4.65	YES	
L0000710	0	0.48077E-02	465481.7	3769917.8	322.0	5.00	4.65	4.65	YES	
L0000711	0	0.48077E-02	465487.3	3769913.5	321.9	5.00	4.65	4.65	YES	
L0000712	0	0.48077E-02	465497.3	3769913.5	321.9	5.00	4.65	4.65	YES	
L0000713	0	0.48077E-02	465507.3	3769913.5	321.9	5.00	4.65	4.65	YES	
L0000714	0	0.48077E-02	465517.0	3769915.3	321.9	5.00	4.65	4.65	YES	
L0000715	0	0.48077E-02	465526.6	3769918.4	321.9	5.00	4.65	4.65	YES	
L0000716	0	0.48077E-02	465536.1	3769921.4	322.0	5.00	4.65	4.65	YES	
L0000717	0	0.48077E-02	465545.6	3769924.4	322.0	5.00	4.65	4.65	YES	
L0000718	0	0.48077E-02	465555.2	3769927.4	322.0	5.00	4.65	4.65	YES	
L0000719	0	0.48077E-02	465564.7	3769930.5	322.1	5.00	4.65	4.65	YES	
L0000720	0	0.48077E-02	465574.2	3769933.5	322.1	5.00	4.65	4.65	YES	
L0000721	0	0.48077E-02	465581.6	3769938.1	322.2	5.00	4.65	4.65	YES	
L0000722	0	0.48077E-02	465581.5	3769948.1	322.4	5.00	4.65	4.65	YES	
L0000723	0	0.48077E-02	465581.4	3769958.1	322.6	5.00	4.65	4.65	YES	
L0000724	0	0.48077E-02	465581.3	3769968.1	322.7	5.00	4.65	4.65	YES	
L0000725	0	0.48077E-02	465581.2	3769978.1	322.8	5.00	4.65	4.65	YES	
L0000726	0	0.48077E-02	465572.6	3769979.6	322.9	5.00	4.65	4.65	YES	
L0000727	0	0.48077E-02	465562.6	3769979.6	322.9	5.00	4.65	4.65	YES	
L0000728	0	0.48077E-02	465552.6	3769979.7	322.9	5.00	4.65	4.65	YES	

L0000729	0	0.48077E-02	465542.6	3769979.8	322.9	5.00	4.65	4.65	YES
L0000730	0	0.48077E-02	465532.6	3769979.9	322.8	5.00	4.65	4.65	YES
L0000731	0	0.48077E-02	465522.6	3769980.0	322.8	5.00	4.65	4.65	YES
L0000732	0	0.48077E-02	465512.6	3769980.0	322.8	5.00	4.65	4.65	YES
L0000733	0	0.48077E-02	465502.6	3769980.1	322.8	5.00	4.65	4.65	YES
L0000734	0	0.48077E-02	465499.2	3769973.5	322.6	5.00	4.65	4.65	YES
L0000735	0	0.48077E-02	465499.1	3769963.5	322.4	5.00	4.65	4.65	YES
L0000736	0	0.48077E-02	465499.1	3769953.5	322.4	5.00	4.65	4.65	YES
L0000737	0	0.48077E-02	465499.0	3769943.5	322.2	5.00	4.65	4.65	YES
L0000738	0	0.48077E-02	465498.9	3769933.5	322.2	5.00	4.65	4.65	YES
L0000739	0	0.48077E-02	465506.9	3769931.7	322.1	5.00	4.65	4.65	YES
L0000740	0	0.48077E-02	465516.8	3769933.1	322.1	5.00	4.65	4.65	YES
L0000741	0	0.48077E-02	465526.4	3769935.6	322.1	5.00	4.65	4.65	YES
L0000742	0	0.48077E-02	465536.1	3769938.1	322.2	5.00	4.65	4.65	YES
L0000743	0	0.48077E-02	465545.8	3769940.6	322.2	5.00	4.65	4.65	YES
L0000744	0	0.48077E-02	465555.5	3769943.1	322.3	5.00	4.65	4.65	YES
L0000745	0	0.48077E-02	465565.2	3769945.6	322.3	5.00	4.65	4.65	YES
L0000746	0	0.48077E-02	465565.5	3769955.0	322.5	5.00	4.65	4.65	YES
L0000747	0	0.48077E-02	465565.0	3769965.0	322.7	5.00	4.65	4.65	YES
L0000748	0	0.48077E-02	465557.4	3769967.4	322.7	5.00	4.65	4.65	YES
L0000749	0	0.48077E-02	465547.4	3769967.3	322.7	5.00	4.65	4.65	YES
L0000750	0	0.48077E-02	465537.4	3769967.1	322.6	5.00	4.65	4.65	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY

BY
 - - -

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 ,
L0000717 , L0000718 ,

L0000719 , L0000720 , L0000721 , L0000722 , L0000723 , L0000724 ,
L0000725 , L0000726 ,

L0000727 , L0000728 , L0000729 , L0000730 , L0000731 , L0000732 ,
L0000733 , L0000734 ,

L0000735 , L0000736 , L0000737 , L0000738 , L0000739 , L0000740 ,
L0000741 , L0000742 ,

L0000743 , L0000744 , L0000745 , L0000746 , L0000747 , L0000748 ,

L0000749 , L0000750 ,

L0000751 , L0000752 , L0000753 , L0000754 , L0000755 , L0000756 ,
L0000757 , L0000758 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
2035210.		L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , L0000646 , L0000647 , L0000648 , L0000649 , L0000650 , L0000651 , L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 , L0000660 , L0000661 , L0000662 ,

L0000663 , L0000664 , L0000665 , L0000666 , L0000667 , L0000668 ,
L0000669 , L0000670 ,

L0000671 , L0000672 , L0000673 , L0000674 , L0000675 , L0000676 ,
L0000677 , L0000678 ,

L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 ,
L0000685 , L0000686 ,

L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 ,
L0000693 , L0000694 ,

L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,
L0000701 , L0000702 ,

L0000703 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 ,
L0000709 , L0000710 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 ,
L0000717 , L0000718 ,

L0000719 , L0000720 , L0000721 , L0000722 , L0000723 , L0000724 ,
L0000725 , L0000726 ,

L0000727 , L0000728 , L0000729 , L0000730 , L0000731 , L0000732 ,
L0000733 , L0000734 ,

L0000735 , L0000736 , L0000737 , L0000738 , L0000739 , L0000740 ,
L0000741 , L0000742 ,

L0000743 , L0000744 , L0000745 , L0000746 , L0000747 , L0000748 ,
L0000749 , L0000750 ,

L0000751 , L0000752 , L0000753 , L0000754 , L0000755 , L0000756 ,
L0000757 , L0000758 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
    ( 465946.3, 3769266.8,     310.1,     310.1,       0.0);        ( 465971.3, 3769266.8,
309.6,     313.2,       0.0);
    ( 465996.3, 3769266.8,     311.9,     311.9,       0.0);        ( 466021.3, 3769266.8,
314.4,     314.4,       0.0);
    ( 466046.3, 3769266.8,     316.1,     316.1,       0.0);        ( 466071.3, 3769266.8,
316.9,     316.9,       0.0);
    ( 466096.3, 3769266.8,     317.0,     317.0,       0.0);        ( 466121.3, 3769266.8,
317.4,     317.4,       0.0);
    ( 466146.3, 3769266.8,     318.2,     318.2,       0.0);        ( 466171.3, 3769266.8,
319.1,     319.1,       0.0);
    ( 466196.3, 3769266.8,     319.6,     319.6,       0.0);        ( 465946.3, 3769291.8,
309.5,     309.5,       0.0);
    ( 465971.3, 3769291.8,     310.2,     314.7,       0.0);        ( 465996.3, 3769291.8,
313.3,     313.3,       0.0);
    ( 466021.3, 3769291.8,     315.1,     315.1,       0.0);        ( 466046.3, 3769291.8,
316.3,     316.3,       0.0);
    ( 466071.3, 3769291.8,     316.8,     316.8,       0.0);        ( 466096.3, 3769291.8,
316.8,     316.8,       0.0);
    ( 466121.3, 3769291.8,     317.3,     317.3,       0.0);        ( 466146.3, 3769291.8,
318.3,     318.3,       0.0);
    ( 466171.3, 3769291.8,     319.0,     319.0,       0.0);        ( 466196.3, 3769291.8,
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    ( 465946.3, 3769316.8,     309.5,     309.5,       0.0);        ( 465971.3, 3769316.8,
312.0,     312.0,       0.0);
    ( 465996.3, 3769316.8,     314.5,     314.5,       0.0);        ( 466021.3, 3769316.8,
315.7,     315.7,       0.0);
    ( 466046.3, 3769316.8,     316.3,     316.3,       0.0);        ( 466071.3, 3769316.8,
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    ( 466096.3, 3769316.8,     316.5,     316.5,       0.0);        ( 466121.3, 3769316.8,
316.9,     316.9,       0.0);
    ( 466146.3, 3769316.8,     318.2,     318.2,       0.0);        ( 466171.3, 3769316.8,
318.8,     318.8,       0.0);
    ( 466196.3, 3769316.8,     318.9,     318.9,       0.0);        ( 465946.3, 3769341.8,
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    ( 465971.3, 3769341.8,     312.9,     312.9,       0.0);        ( 465996.3, 3769341.8,
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    ( 466021.3, 3769341.8,     315.8,     315.8,       0.0);        ( 466046.3, 3769341.8,
316.2,     316.2,       0.0);
    ( 466071.3, 3769341.8,     316.4,     316.4,       0.0);        ( 466096.3, 3769341.8,
316.3,     316.3,       0.0);
    ( 466121.3, 3769341.8,     316.7,     316.7,       0.0);        ( 466146.3, 3769341.8,
318.0,     318.0,       0.0);
    ( 466171.3, 3769341.8,     318.6,     318.6,       0.0);        ( 466196.3, 3769341.8,
318.6,     318.6,       0.0);
    ( 465946.3, 3769366.8,     313.0,     313.0,       0.0);        ( 465971.3, 3769366.8,
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    ( 465996.3, 3769366.8,     315.1,     315.1,       0.0);        ( 466021.3, 3769366.8,
315.8,     315.8,       0.0);
    ( 466046.3, 3769366.8,     316.2,     316.2,       0.0);        ( 466071.3, 3769366.8,
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    ( 466096.3, 3769366.8,     316.3,     316.3,       0.0);        ( 466121.3, 3769366.8,
316.8,     316.8,       0.0);
    ( 466146.3, 3769366.8,     318.0,     318.0,       0.0);        ( 466171.3, 3769366.8,
318.4,     318.4,       0.0);
    ( 466196.3, 3769366.8,     318.3,     318.3,       0.0);        ( 464696.3, 3770066.8,
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    ( 464721.3, 3770066.8,     331.1,     331.1,       0.0);        ( 464746.3, 3770066.8,
331.1,     331.1,       0.0);
    ( 464771.3, 3770066.8,     331.2,     331.2,       0.0);        ( 464796.3, 3770066.8,
331.4,     331.4,       0.0);
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     ( 464821.3, 3770066.8,     331.7,     331.7,       0.0);         ( 464846.3, 3770066.8,
331.8,     331.8,       0.0);
     ( 464871.3, 3770066.8,     331.8,     331.8,       0.0);         ( 464896.3, 3770066.8,
331.7,     331.7,       0.0);
     ( 464921.3, 3770066.8,     331.8,     331.8,       0.0);         ( 464946.3, 3770066.8,
331.7,     331.7,       0.0);
     ( 464971.3, 3770066.8,     331.1,     331.1,       0.0);         ( 464996.3, 3770066.8,
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     ( 465021.3, 3770066.8,     330.0,     330.0,       0.0);         ( 464696.3, 3770091.8,
331.5,     331.5,       0.0);
     ( 464721.3, 3770091.8,     331.4,     331.4,       0.0);         ( 464746.3, 3770091.8,
331.4,     331.4,       0.0);
     ( 464771.3, 3770091.8,     331.4,     331.4,       0.0);         ( 464796.3, 3770091.8,
331.6,     331.6,       0.0);
     ( 464821.3, 3770091.8,     332.0,     332.0,       0.0);         ( 464846.3, 3770091.8,
332.1,     332.1,       0.0);
     ( 464871.3, 3770091.8,     332.1,     332.1,       0.0);         ( 464896.3, 3770091.8,
332.1,     332.1,       0.0);
     ( 464921.3, 3770091.8,     332.2,     332.2,       0.0);         ( 464946.3, 3770091.8,
332.1,     332.1,       0.0);
     ( 464971.3, 3770091.8,     331.6,     331.6,       0.0);         ( 464996.3, 3770091.8,
331.0,     331.0,       0.0);
     ( 465021.3, 3770091.8,     330.4,     330.4,       0.0);         ( 464696.3, 3770116.8,
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     ( 464721.3, 3770116.8,     331.7,     331.7,       0.0);         ( 464746.3, 3770116.8,
331.7,     331.7,       0.0);
     ( 464771.3, 3770116.8,     331.7,     331.7,       0.0);         ( 464796.3, 3770116.8,
331.7,     331.7,       0.0);
     ( 464821.3, 3770116.8,     332.0,     332.0,       0.0);         ( 464846.3, 3770116.8,
332.2,     332.2,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Const\Alice-Willow Const.isc
     ***       01/10/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Construction HRA
     ***       14:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 464871.3, 3770116.8,     332.2,     332.2,       0.0);         ( 464896.3, 3770116.8,
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     ( 464921.3, 3770116.8,     332.2,     332.2,       0.0);         ( 464946.3, 3770116.8,
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     ( 464971.3, 3770116.8,     331.9,     331.9,       0.0);         ( 464996.3, 3770116.8,
331.3,     331.3,       0.0);
     ( 465021.3, 3770116.8,     330.8,     330.8,       0.0);         ( 465046.3, 3770116.8,
330.5,     330.5,       0.0);
     ( 465071.3, 3770116.8,     330.4,     330.4,       0.0);         ( 464696.3, 3770141.8,
332.2,     332.2,       0.0);
     ( 464721.3, 3770141.8,     332.1,     332.1,       0.0);         ( 464746.3, 3770141.8,
332.0,     332.0,       0.0);
     ( 464771.3, 3770141.8,     332.0,     332.0,       0.0);         ( 464796.3, 3770141.8,
332.0,     332.0,       0.0);
     ( 464821.3, 3770141.8,     332.2,     332.2,       0.0);         ( 464846.3, 3770141.8,
332.3,     332.3,       0.0);
     ( 464871.3, 3770141.8,     332.4,     332.4,       0.0);         ( 464896.3, 3770141.8,
332.4,     332.4,       0.0);
     ( 464921.3, 3770141.8,     332.4,     332.4,       0.0);         ( 464946.3, 3770141.8,
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332.3,     332.3,       0.0);
     ( 464971.3, 3770141.8,     332.1,     332.1,       0.0);         ( 464996.3, 3770141.8,
331.6,     331.6,       0.0);
     ( 465021.3, 3770141.8,     331.1,     331.1,       0.0);         ( 465046.3, 3770141.8,
330.9,     330.9,       0.0);
     ( 465071.3, 3770141.8,     330.9,     330.9,       0.0);         ( 464696.3, 3770166.8,
332.5,     332.5,       0.0);
     ( 464721.3, 3770166.8,     332.5,     332.5,       0.0);         ( 464746.3, 3770166.8,
332.4,     332.4,       0.0);
     ( 464771.3, 3770166.8,     332.4,     332.4,       0.0);         ( 464796.3, 3770166.8,
332.4,     332.4,       0.0);
     ( 464821.3, 3770166.8,     332.4,     332.4,       0.0);         ( 464846.3, 3770166.8,
332.4,     332.4,       0.0);
     ( 464871.3, 3770166.8,     332.4,     332.4,       0.0);         ( 464896.3, 3770166.8,
332.4,     332.4,       0.0);
     ( 464921.3, 3770166.8,     332.4,     332.4,       0.0);         ( 464946.3, 3770166.8,
332.4,     332.4,       0.0);
     ( 464971.3, 3770166.8,     332.2,     332.2,       0.0);         ( 464996.3, 3770166.8,
331.8,     331.8,       0.0);
     ( 465021.3, 3770166.8,     331.4,     331.4,       0.0);         ( 465046.3, 3770166.8,
331.2,     331.2,       0.0);
     ( 465071.3, 3770166.8,     331.2,     331.2,       0.0);         ( 464696.3, 3770191.8,
333.0,     333.0,       0.0);
     ( 464721.3, 3770191.8,     332.9,     332.9,       0.0);         ( 464746.3, 3770191.8,
332.9,     332.9,       0.0);
     ( 464771.3, 3770191.8,     332.9,     332.9,       0.0);         ( 464796.3, 3770191.8,
332.8,     332.8,       0.0);
     ( 464821.3, 3770191.8,     332.7,     332.7,       0.0);         ( 464846.3, 3770191.8,
332.6,     332.6,       0.0);
     ( 464871.3, 3770191.8,     332.6,     332.6,       0.0);         ( 464896.3, 3770191.8,
332.6,     332.6,       0.0);
     ( 464921.3, 3770191.8,     332.6,     332.6,       0.0);         ( 464946.3, 3770191.8,
332.5,     332.5,       0.0);
     ( 464971.3, 3770191.8,     332.4,     332.4,       0.0);         ( 464996.3, 3770191.8,
332.1,     332.1,       0.0);
     ( 465021.3, 3770191.8,     331.8,     331.8,       0.0);         ( 465046.3, 3770191.8,
331.6,     331.6,       0.0);
     ( 465071.3, 3770191.8,     331.5,     331.5,       0.0);         ( 465096.3, 3770191.8,
331.5,     331.5,       0.0);
     ( 465121.3, 3770191.8,     331.5,     331.5,       0.0);         ( 464696.3, 3770216.8,
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     ( 464721.3, 3770216.8,     333.5,     333.5,       0.0);         ( 464746.3, 3770216.8,
333.4,     333.4,       0.0);
     ( 464771.3, 3770216.8,     333.4,     333.4,       0.0);         ( 464796.3, 3770216.8,
333.2,     333.2,       0.0);
     ( 464821.3, 3770216.8,     333.1,     333.1,       0.0);         ( 464846.3, 3770216.8,
333.0,     333.0,       0.0);
     ( 464871.3, 3770216.8,     333.0,     333.0,       0.0);         ( 464896.3, 3770216.8,
333.0,     333.0,       0.0);
     ( 464921.3, 3770216.8,     333.0,     333.0,       0.0);         ( 464946.3, 3770216.8,
332.9,     332.9,       0.0);
     ( 464971.3, 3770216.8,     332.8,     332.8,       0.0);         ( 464996.3, 3770216.8,
332.5,     332.5,       0.0);
     ( 465021.3, 3770216.8,     332.2,     332.2,       0.0);         ( 465046.3, 3770216.8,
332.1,     332.1,       0.0);
     ( 465071.3, 3770216.8,     332.0,     332.0,       0.0);         ( 465096.3, 3770216.8,
332.1,     332.1,       0.0);
     ( 465121.3, 3770216.8,     332.0,     332.0,       0.0);         ( 464696.3, 3770241.8,
333.9,     333.9,       0.0);
     ( 464721.3, 3770241.8,     334.0,     334.0,       0.0);         ( 464746.3, 3770241.8,
333.9,     333.9,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(465021.3, 3770241.8, 332.7, 332.7, 0.0); (465046.3, 3770241.8,
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(465071.3, 3770241.8, 332.6, 332.6, 0.0); (465096.3, 3770241.8,
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(465121.3, 3770241.8, 332.6, 332.6, 0.0); (464696.3, 3770266.8,
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(464721.3, 3770266.8, 334.1, 334.1, 0.0); (464746.3, 3770266.8,
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(464771.3, 3770266.8, 334.0, 334.0, 0.0); (464796.3, 3770266.8,
333.9, 333.9, 0.0);
(464821.3, 3770266.8, 333.9, 333.9, 0.0); (464846.3, 3770266.8,
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(464921.3, 3770266.8, 333.6, 333.6, 0.0); (464946.3, 3770266.8,
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(464971.3, 3770266.8, 333.4, 333.4, 0.0); (464996.3, 3770266.8,
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(465021.3, 3770266.8, 332.9, 332.9, 0.0); (465046.3, 3770266.8,
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(465071.3, 3770266.8, 332.9, 332.9, 0.0); (465096.3, 3770266.8,
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334.1, 334.1, 0.0);
(464821.3, 3770291.8, 334.3, 334.3, 0.0); (464846.3, 3770291.8,
334.1, 334.1, 0.0);
(464871.3, 3770291.8, 334.0, 334.0, 0.0); (464896.3, 3770291.8,
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(464921.3, 3770291.8, 334.1, 334.1, 0.0); (464946.3, 3770291.8,
333.7, 333.7, 0.0);
(464971.3, 3770291.8, 333.8, 333.8, 0.0); (464996.3, 3770291.8,
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333.1, 333.1, 0.0);
(465071.3, 3770291.8, 333.1, 333.1, 0.0); (465096.3, 3770291.8,

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     ( 464721.3, 3770316.8,     334.6,     334.6,       0.0);         ( 464746.3, 3770316.8,
334.5,     334.5,       0.0);
     ( 464771.3, 3770316.8,     334.4,     334.4,       0.0);         ( 464796.3, 3770316.8,
334.3,     334.3,       0.0);
     ( 464821.3, 3770316.8,     334.7,     334.7,       0.0);         ( 464846.3, 3770316.8,
334.6,     334.6,       0.0);
     ( 464871.3, 3770316.8,     334.4,     334.4,       0.0);         ( 464896.3, 3770316.8,
334.8,     334.8,       0.0);
     ( 464921.3, 3770316.8,     334.6,     334.6,       0.0);         ( 464946.3, 3770316.8,
334.2,     334.2,       0.0);
     ( 464971.3, 3770316.8,     334.3,     334.3,       0.0);         ( 464996.3, 3770316.8,
333.9,     333.9,       0.0);
     ( 465021.3, 3770316.8,     333.4,     333.4,       0.0);         ( 465046.3, 3770316.8,
333.1,     333.1,       0.0);
     ( 465071.3, 3770316.8,     332.8,     332.8,       0.0);         ( 465096.3, 3770316.8,
332.7,     332.7,       0.0);
     ( 465121.3, 3770316.8,     332.3,     332.3,       0.0);         ( 464696.3, 3770341.8,
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     ( 464721.3, 3770341.8,     334.6,     334.6,       0.0);         ( 464746.3, 3770341.8,
334.6,     334.6,       0.0);
     ( 464771.3, 3770341.8,     334.4,     334.4,       0.0);         ( 464796.3, 3770341.8,
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     ( 464821.3, 3770341.8,     335.0,     335.0,       0.0);         ( 464846.3, 3770341.8,
334.9,     334.9,       0.0);
     ( 464871.3, 3770341.8,     334.8,     334.8,       0.0);         ( 464896.3, 3770341.8,
335.2,     335.2,       0.0);
     ( 464921.3, 3770341.8,     335.1,     335.1,       0.0);         ( 464946.3, 3770341.8,
334.6,     334.6,       0.0);
     ( 464971.3, 3770341.8,     334.6,     334.6,       0.0);         ( 464996.3, 3770341.8,
334.2,     334.2,       0.0);
     ( 465021.3, 3770341.8,     333.5,     333.5,       0.0);         ( 465046.3, 3770341.8,
332.7,     332.7,       0.0);
     ( 465071.3, 3770341.8,     332.1,     332.1,       0.0);         ( 465096.3, 3770341.8,
331.9,     331.9,       0.0);
     ( 465121.3, 3770341.8,     331.7,     331.7,       0.0);         ( 464696.3, 3770366.8,
335.0,     335.0,       0.0);
     ( 464721.3, 3770366.8,     334.9,     334.9,       0.0);         ( 464746.3, 3770366.8,
334.8,     334.8,       0.0);
     ( 464771.3, 3770366.8,     334.6,     334.6,       0.0);         ( 464796.3, 3770366.8,
334.6,     334.6,       0.0);
     ( 464821.3, 3770366.8,     335.2,     335.2,       0.0);         ( 464846.3, 3770366.8,
335.3,     335.3,       0.0);
     ( 464871.3, 3770366.8,     335.1,     335.1,       0.0);         ( 464896.3, 3770366.8,
335.5,     335.5,       0.0);
     ( 464921.3, 3770366.8,     335.5,     335.5,       0.0);         ( 464946.3, 3770366.8,
335.0,     335.0,       0.0);
     ( 464971.3, 3770366.8,     335.0,     335.0,       0.0);         ( 464996.3, 3770366.8,
334.4,     334.4,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Const\Alice-Willow Const.isc
     ***        01/10/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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(METERS)

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     ( 465021.3, 3770366.8,     333.6,     333.6,       0.0);         ( 464696.3, 3770391.8,
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335.2,     335.2,       0.0);
     ( 464771.3, 3770391.8,     335.0,     335.0,       0.0);         ( 464796.3, 3770391.8,
334.9,     334.9,       0.0);
     ( 464821.3, 3770391.8,     335.5,     335.5,       0.0);         ( 464846.3, 3770391.8,
335.6,     335.6,       0.0);
     ( 464871.3, 3770391.8,     335.5,     335.5,       0.0);         ( 464896.3, 3770391.8,
335.9,     335.9,       0.0);
     ( 464921.3, 3770391.8,     335.9,     335.9,       0.0);         ( 464946.3, 3770391.8,
335.4,     335.4,       0.0);
     ( 464971.3, 3770391.8,     335.3,     335.3,       0.0);         ( 464996.3, 3770391.8,
334.5,     334.5,       0.0);
     ( 465021.3, 3770391.8,     333.7,     333.7,       0.0);         ( 464696.3, 3770416.8,
335.5,     335.5,       0.0);
     ( 464721.3, 3770416.8,     335.4,     335.4,       0.0);         ( 464746.3, 3770416.8,
335.4,     335.4,       0.0);
     ( 464771.3, 3770416.8,     335.1,     335.1,       0.0);         ( 464796.3, 3770416.8,
335.2,     335.2,       0.0);
     ( 464821.3, 3770416.8,     335.9,     335.9,       0.0);         ( 464846.3, 3770416.8,
336.0,     336.0,       0.0);
     ( 464871.3, 3770416.8,     335.9,     335.9,       0.0);         ( 464896.3, 3770416.8,
336.2,     336.2,       0.0);
     ( 464921.3, 3770416.8,     336.1,     336.1,       0.0);         ( 464946.3, 3770416.8,
335.7,     335.7,       0.0);
     ( 464971.3, 3770416.8,     335.7,     335.7,       0.0);         ( 464996.3, 3770416.8,
334.7,     334.7,       0.0);
     ( 465021.3, 3770416.8,     333.9,     333.9,       0.0);         ( 464696.3, 3770441.8,
335.8,     335.8,       0.0);
     ( 464721.3, 3770441.8,     335.8,     335.8,       0.0);         ( 464746.3, 3770441.8,
335.7,     335.7,       0.0);
     ( 464771.3, 3770441.8,     335.5,     335.5,       0.0);         ( 464796.3, 3770441.8,
335.6,     335.6,       0.0);
     ( 464821.3, 3770441.8,     336.2,     336.2,       0.0);         ( 464846.3, 3770441.8,
336.3,     336.3,       0.0);
     ( 464871.3, 3770441.8,     336.2,     336.2,       0.0);         ( 464896.3, 3770441.8,
336.5,     336.5,       0.0);
     ( 464921.3, 3770441.8,     336.3,     336.3,       0.0);         ( 464946.3, 3770441.8,
335.9,     335.9,       0.0);
     ( 464971.3, 3770441.8,     335.9,     335.9,       0.0);         ( 464996.3, 3770441.8,
334.9,     334.9,       0.0);
     ( 465021.3, 3770441.8,     334.1,     334.1,       0.0);         ( 465871.3, 3770441.8,
332.3,     332.3,       0.0);
     ( 465896.3, 3770441.8,     332.2,     332.2,       0.0);         ( 465921.3, 3770441.8,
332.1,     332.1,       0.0);
     ( 465946.3, 3770441.8,     331.8,     331.8,       0.0);         ( 465971.3, 3770441.8,
331.0,     331.0,       0.0);
     ( 465996.3, 3770441.8,     330.6,     330.6,       0.0);         ( 466021.3, 3770441.8,
330.5,     330.5,       0.0);
     ( 464696.3, 3770466.8,     336.4,     336.4,       0.0);         ( 464721.3, 3770466.8,
336.3,     336.3,       0.0);
     ( 464746.3, 3770466.8,     336.3,     336.3,       0.0);         ( 464771.3, 3770466.8,
336.0,     336.0,       0.0);
     ( 464796.3, 3770466.8,     335.9,     335.9,       0.0);         ( 464821.3, 3770466.8,
336.6,     336.6,       0.0);
     ( 464846.3, 3770466.8,     336.6,     336.6,       0.0);         ( 464871.3, 3770466.8,
336.4,     336.4,       0.0);
     ( 464896.3, 3770466.8,     336.6,     336.6,       0.0);         ( 464921.3, 3770466.8,
```

336.4,   336.4,   0.0);
     (464946.3, 3770466.8,   336.1,   336.1,   0.0);   (464971.3, 3770466.8,
336.2,   336.2,   0.0);
     (464996.3, 3770466.8,   335.2,   335.2,   0.0);   (465021.3, 3770466.8,
334.4,   334.4,   0.0);
     (465871.3, 3770466.8,   332.7,   332.7,   0.0);   (465896.3, 3770466.8,
332.8,   332.8,   0.0);
     (465921.3, 3770466.8,   332.8,   332.8,   0.0);   (465946.3, 3770466.8,
332.4,   332.4,   0.0);
     (465971.3, 3770466.8,   331.6,   331.6,   0.0);   (465996.3, 3770466.8,
331.1,   331.1,   0.0);
     (466021.3, 3770466.8,   331.0,   331.0,   0.0);   (464696.3, 3770491.8,
336.6,   336.6,   0.0);
     (464721.3, 3770491.8,   336.5,   336.5,   0.0);   (464746.3, 3770491.8,
336.5,   336.5,   0.0);
     (464771.3, 3770491.8,   336.2,   336.2,   0.0);   (464796.3, 3770491.8,
336.3,   336.3,   0.0);
     (464821.3, 3770491.8,   336.9,   336.9,   0.0);   (464846.3, 3770491.8,
336.7,   336.7,   0.0);
     (464871.3, 3770491.8,   336.5,   336.5,   0.0);   (464896.3, 3770491.8,
336.7,   336.7,   0.0);
     (464921.3, 3770491.8,   336.5,   336.5,   0.0);   (464946.3, 3770491.8,
336.2,   336.2,   0.0);
     (464971.3, 3770491.8,   336.3,   336.3,   0.0);   (464996.3, 3770491.8,
335.5,   335.5,   0.0);
     (465021.3, 3770491.8,   334.7,   334.7,   0.0);   (465871.3, 3770491.8,
332.9,   332.9,   0.0);
     (465896.3, 3770491.8,   332.8,   332.8,   0.0);   (465921.3, 3770491.8,
332.8,   332.8,   0.0);
     (465946.3, 3770491.8,   332.6,   332.6,   0.0);   (465971.3, 3770491.8,
332.0,   332.0,   0.0);

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (465996.3, 3770491.8,   331.7,   331.7,   0.0);   (466021.3, 3770491.8,
331.4,   331.4,   0.0);
     (464696.3, 3770516.8,   336.9,   336.9,   0.0);   (464721.3, 3770516.8,
336.8,   336.8,   0.0);
     (464746.3, 3770516.8,   336.7,   336.7,   0.0);   (464771.3, 3770516.8,
336.5,   336.5,   0.0);
     (464796.3, 3770516.8,   336.6,   336.6,   0.0);   (464821.3, 3770516.8,
337.1,   337.1,   0.0);
     (464846.3, 3770516.8,   336.9,   336.9,   0.0);   (464871.3, 3770516.8,
336.6,   336.6,   0.0);
     (464896.3, 3770516.8,   336.9,   336.9,   0.0);   (464921.3, 3770516.8,
336.6,   336.6,   0.0);
     (464946.3, 3770516.8,   336.2,   336.2,   0.0);   (464971.3, 3770516.8,
336.4,   336.4,   0.0);
     (464996.3, 3770516.8,   335.7,   335.7,   0.0);   (465021.3, 3770516.8,
335.0,   335.0,   0.0);
     (465871.3, 3770516.8,   333.0,   333.0,   0.0);   (465896.3, 3770516.8,
332.8,   332.8,   0.0);

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    ( 465921.3, 3770516.8,     332.7,     332.7,       0.0);        ( 465946.3, 3770516.8,
332.5,     332.5,       0.0);
    ( 465971.3, 3770516.8,     332.1,     332.1,       0.0);        ( 465996.3, 3770516.8,
332.1,     332.1,       0.0);
    ( 466021.3, 3770516.8,     331.7,     331.7,       0.0);        ( 464696.3, 3770541.8,
337.5,     337.5,       0.0);
    ( 464721.3, 3770541.8,     337.3,     337.3,       0.0);        ( 464746.3, 3770541.8,
337.2,     337.2,       0.0);
    ( 464771.3, 3770541.8,     337.0,     337.0,       0.0);        ( 464796.3, 3770541.8,
337.0,     337.0,       0.0);
    ( 464821.3, 3770541.8,     337.4,     337.4,       0.0);        ( 464846.3, 3770541.8,
337.0,     337.0,       0.0);
    ( 464871.3, 3770541.8,     336.7,     336.7,       0.0);        ( 464896.3, 3770541.8,
336.9,     336.9,       0.0);
    ( 464921.3, 3770541.8,     336.6,     336.6,       0.0);        ( 464946.3, 3770541.8,
336.3,     336.3,       0.0);
    ( 464971.3, 3770541.8,     336.4,     336.4,       0.0);        ( 464996.3, 3770541.8,
335.9,     335.9,       0.0);
    ( 465021.3, 3770541.8,     335.3,     335.3,       0.0);        ( 465871.3, 3770541.8,
333.5,     333.5,       0.0);
    ( 465896.3, 3770541.8,     333.4,     333.4,       0.0);        ( 465921.3, 3770541.8,
332.9,     332.9,       0.0);
    ( 465946.3, 3770541.8,     332.3,     332.3,       0.0);        ( 465971.3, 3770541.8,
332.1,     332.1,       0.0);
    ( 465996.3, 3770541.8,     332.2,     332.2,       0.0);        ( 466021.3, 3770541.8,
331.9,     331.9,       0.0);
    ( 464696.3, 3770566.8,     337.9,     337.9,       0.0);        ( 464721.3, 3770566.8,
337.7,     337.7,       0.0);
    ( 464746.3, 3770566.8,     337.5,     337.5,       0.0);        ( 464771.3, 3770566.8,
337.3,     337.3,       0.0);
    ( 464796.3, 3770566.8,     337.4,     337.4,       0.0);        ( 464821.3, 3770566.8,
337.7,     337.7,       0.0);
    ( 464846.3, 3770566.8,     337.2,     337.2,       0.0);        ( 464871.3, 3770566.8,
336.8,     336.8,       0.0);
    ( 464896.3, 3770566.8,     336.8,     336.8,       0.0);        ( 464921.3, 3770566.8,
336.6,     336.6,       0.0);
    ( 464946.3, 3770566.8,     336.3,     336.3,       0.0);        ( 464971.3, 3770566.8,
336.3,     336.3,       0.0);
    ( 464996.3, 3770566.8,     335.9,     335.9,       0.0);        ( 465021.3, 3770566.8,
335.5,     335.5,       0.0);
    ( 465871.3, 3770566.8,     334.0,     334.0,       0.0);        ( 465896.3, 3770566.8,
333.9,     333.9,       0.0);
    ( 465921.3, 3770566.8,     333.2,     333.2,       0.0);        ( 465946.3, 3770566.8,
332.4,     332.4,       0.0);
    ( 465971.3, 3770566.8,     332.1,     332.1,       0.0);        ( 465996.3, 3770566.8,
332.2,     332.2,       0.0);
    ( 466021.3, 3770566.8,     332.0,     332.0,       0.0);        ( 464696.3, 3770591.8,
338.2,     338.2,       0.0);
    ( 464721.3, 3770591.8,     337.9,     337.9,       0.0);        ( 464746.3, 3770591.8,
337.8,     337.8,       0.0);
    ( 464771.3, 3770591.8,     337.6,     337.6,       0.0);        ( 464796.3, 3770591.8,
337.7,     337.7,       0.0);
    ( 464821.3, 3770591.8,     338.0,     338.0,       0.0);        ( 464846.3, 3770591.8,
337.4,     337.4,       0.0);
    ( 464871.3, 3770591.8,     337.0,     337.0,       0.0);        ( 464896.3, 3770591.8,
336.8,     336.8,       0.0);
    ( 464921.3, 3770591.8,     336.6,     336.6,       0.0);        ( 464946.3, 3770591.8,
336.4,     336.4,       0.0);
    ( 464971.3, 3770591.8,     336.3,     336.3,       0.0);        ( 464996.3, 3770591.8,
336.1,     336.1,       0.0);
    ( 465021.3, 3770591.8,     335.8,     335.8,       0.0);        ( 465871.3, 3770591.8,
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334.2,   334.2,   0.0);
     (465896.3, 3770591.8,   334.1,   334.1,   0.0);   (465921.3, 3770591.8,
333.5,   333.5,   0.0);
     (465946.3, 3770591.8,   332.8,   332.8,   0.0);   (465971.3, 3770591.8,
332.4,   332.4,   0.0);
     (465996.3, 3770591.8,   332.3,   332.3,   0.0);   (466021.3, 3770591.8,
332.2,   332.2,   0.0);
     (464696.3, 3770616.8,   338.9,   338.9,   0.0);   (464721.3, 3770616.8,
338.6,   338.6,   0.0);
     (464746.3, 3770616.8,   338.5,   338.5,   0.0);   (464771.3, 3770616.8,
338.3,   338.3,   0.0);

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (464796.3, 3770616.8,   338.2,   338.2,   0.0);   (464821.3, 3770616.8,
338.4,   338.4,   0.0);
     (464846.3, 3770616.8,   337.8,   337.8,   0.0);   (464871.3, 3770616.8,
337.5,   337.5,   0.0);
     (464896.3, 3770616.8,   337.3,   337.3,   0.0);   (464921.3, 3770616.8,
337.1,   337.1,   0.0);
     (464946.3, 3770616.8,   336.9,   336.9,   0.0);   (464971.3, 3770616.8,
336.8,   336.8,   0.0);
     (464996.3, 3770616.8,   336.6,   336.6,   0.0);   (465021.3, 3770616.8,
336.3,   336.3,   0.0);
     (465871.3, 3770616.8,   334.5,   334.5,   0.0);   (465896.3, 3770616.8,
334.3,   334.3,   0.0);
     (465921.3, 3770616.8,   333.8,   333.8,   0.0);   (465946.3, 3770616.8,
333.3,   333.3,   0.0);
     (465971.3, 3770616.8,   332.9,   332.9,   0.0);   (465996.3, 3770616.8,
332.7,   332.7,   0.0);
     (466021.3, 3770616.8,   332.7,   332.7,   0.0);   (464696.3, 3770641.8,
339.9,   339.9,   0.0);
     (464721.3, 3770641.8,   339.8,   339.8,   0.0);   (464746.3, 3770641.8,
339.6,   339.6,   0.0);
     (464771.3, 3770641.8,   339.0,   339.0,   0.0);   (464796.3, 3770641.8,
338.6,   338.6,   0.0);
     (464821.3, 3770641.8,   338.7,   338.7,   0.0);   (464846.3, 3770641.8,
338.4,   338.4,   0.0);
     (464871.3, 3770641.8,   338.1,   338.1,   0.0);   (464896.3, 3770641.8,
337.9,   337.9,   0.0);
     (464921.3, 3770641.8,   337.7,   337.7,   0.0);   (464946.3, 3770641.8,
337.5,   337.5,   0.0);
     (464971.3, 3770641.8,   337.4,   337.4,   0.0);   (464996.3, 3770641.8,
337.1,   337.1,   0.0);
     (465021.3, 3770641.8,   336.7,   336.7,   0.0);   (464696.3, 3770666.8,
340.0,   340.0,   0.0);
     (464721.3, 3770666.8,   340.1,   340.1,   0.0);   (464746.3, 3770666.8,
339.8,   339.8,   0.0);
     (464771.3, 3770666.8,   339.3,   339.3,   0.0);   (464796.3, 3770666.8,
339.1,   339.1,   0.0);
     (464821.3, 3770666.8,   338.9,   338.9,   0.0);   (464846.3, 3770666.8,
338.5,   338.5,   0.0);

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     ( 464871.3, 3770666.8,     338.2,     338.2,       0.0);         ( 464896.3, 3770666.8,
338.0,     338.0,       0.0);
     ( 464921.3, 3770666.8,     337.7,     337.7,       0.0);         ( 464946.3, 3770666.8,
337.5,     337.5,       0.0);
     ( 464971.3, 3770666.8,     337.4,     337.4,       0.0);         ( 464996.3, 3770666.8,
337.3,     337.3,       0.0);
     ( 465021.3, 3770666.8,     337.0,     337.0,       0.0);         ( 464696.3, 3770691.8,
340.2,     340.2,       0.0);
     ( 464721.3, 3770691.8,     340.4,     340.4,       0.0);         ( 464746.3, 3770691.8,
340.1,     340.1,       0.0);
     ( 464771.3, 3770691.8,     339.7,     339.7,       0.0);         ( 464796.3, 3770691.8,
339.7,     339.7,       0.0);
     ( 464821.3, 3770691.8,     339.3,     339.3,       0.0);         ( 464846.3, 3770691.8,
338.7,     338.7,       0.0);
     ( 464871.3, 3770691.8,     338.6,     338.6,       0.0);         ( 464896.3, 3770691.8,
338.5,     338.5,       0.0);
     ( 464921.3, 3770691.8,     338.1,     338.1,       0.0);         ( 464946.3, 3770691.8,
337.8,     337.8,       0.0);
     ( 464971.3, 3770691.8,     337.8,     337.8,       0.0);         ( 464996.3, 3770691.8,
337.7,     337.7,       0.0);
     ( 465021.3, 3770691.8,     337.4,     337.4,       0.0);         ( 464696.3, 3770716.8,
340.4,     340.4,       0.0);
     ( 464721.3, 3770716.8,     340.7,     340.7,       0.0);         ( 464746.3, 3770716.8,
340.4,     340.4,       0.0);
     ( 464771.3, 3770716.8,     340.1,     340.1,       0.0);         ( 464796.3, 3770716.8,
340.3,     340.3,       0.0);
     ( 464821.3, 3770716.8,     339.8,     339.8,       0.0);         ( 464846.3, 3770716.8,
339.1,     339.1,       0.0);
     ( 464871.3, 3770716.8,     339.1,     339.1,       0.0);         ( 464896.3, 3770716.8,
339.1,     339.1,       0.0);
     ( 464921.3, 3770716.8,     338.5,     338.5,       0.0);         ( 464946.3, 3770716.8,
338.2,     338.2,       0.0);
     ( 464971.3, 3770716.8,     338.3,     338.3,       0.0);         ( 464996.3, 3770716.8,
338.2,     338.2,       0.0);
     ( 465021.3, 3770716.8,     337.8,     337.8,       0.0);         ( 464696.3, 3770741.8,
340.5,     340.5,       0.0);
     ( 464721.3, 3770741.8,     340.9,     340.9,       0.0);         ( 464746.3, 3770741.8,
340.8,     340.8,       0.0);
     ( 464771.3, 3770741.8,     340.4,     340.4,       0.0);         ( 464796.3, 3770741.8,
340.7,     340.7,       0.0);
     ( 464821.3, 3770741.8,     340.1,     340.1,       0.0);         ( 464846.3, 3770741.8,
339.4,     339.4,       0.0);
     ( 464871.3, 3770741.8,     339.5,     339.5,       0.0);         ( 464896.3, 3770741.8,
339.5,     339.5,       0.0);
     ( 464921.3, 3770741.8,     338.9,     338.9,       0.0);         ( 464946.3, 3770741.8,
338.6,     338.6,       0.0);
     ( 464971.3, 3770741.8,     338.8,     338.8,       0.0);         ( 464996.3, 3770741.8,
338.6,     338.6,       0.0);
     ( 465021.3, 3770741.8,     338.2,     338.2,       0.0);         ( 464696.3, 3770766.8,
340.5,     340.5,       0.0);
     ( 464721.3, 3770766.8,     341.0,     341.0,       0.0);         ( 464746.3, 3770766.8,
341.1,     341.1,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Const\Alice-Willow Const.isc
      ***        01/10/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Construction HRA
     ***        14:28:17

                PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
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(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(464771.3, 3770766.8, 340.7, 340.7, 0.0); (464796.3, 3770766.8, 341.0, 341.0, 0.0);
(464821.3, 3770766.8, 340.4, 340.4, 0.0); (464846.3, 3770766.8, 339.7, 339.7, 0.0);
(464871.3, 3770766.8, 339.8, 339.8, 0.0); (464896.3, 3770766.8, 339.8, 339.8, 0.0);
(464921.3, 3770766.8, 339.2, 339.2, 0.0); (464946.3, 3770766.8, 338.9, 338.9, 0.0);
(464971.3, 3770766.8, 339.1, 339.1, 0.0); (464996.3, 3770766.8, 339.0, 339.0, 0.0);
(465021.3, 3770766.8, 338.6, 338.6, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
   Surface file:   FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
Met Version:  16216
   Profile file:   FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   Surface format: FREE

   Profile format: FREE

   Surface station no.:     3102                  Upper air station no.:     3190
                  Name: UNKNOWN                                    Name: UNKNOWN

                  Year:   2011                                     Year:   2011

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN ALBEDO  REF WS   WD
HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - -
 11 01 01   1 01  -18.5  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82   1.00    1.80   69.
9.1  276.4    5.5
 11 01 01   1 02  -23.8  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82   1.00    2.20   52.
9.1  275.4    5.5
 11 01 01   1 03  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   32.
9.1  275.4    5.5
 11 01 01   1 04   -1.4  0.067 -9.000 -9.000 -999.   57.     18.3  0.25   2.82   1.00    0.40   27.
9.1  274.2    5.5
 11 01 01   1 05  -18.6  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82   1.00    1.80   51.
9.1  274.2    5.5
 11 01 01   1 06  -29.7  0.296 -9.000 -9.000 -999.  387.     96.6  0.25   2.82   1.00    2.70   53.
9.1  274.2    5.5
 11 01 01   1 07  -24.0  0.239 -9.000 -9.000 -999.  282.     63.0  0.25   2.82   1.00    2.20   70.
9.1  274.2    5.5
 11 01 01   1 08   -8.4  0.138 -9.000 -9.000 -999.  127.     27.3  0.25   2.82   0.54    1.30   72.
9.1  275.4    5.5
 11 01 01   1 09   44.3  0.280  0.571  0.005  147.  356.    -43.5  0.25   2.82   0.32    2.20   67.
9.1  277.5    5.5
 11 01 01   1 10  122.7  0.264  0.952  0.005  247.  326.    -13.2  0.25   2.82   0.25    1.80   83.
9.1  279.9    5.5
 11 01 01   1 11  179.8  0.316  1.733  0.005 1017.  426.    -15.4  0.25   2.82   0.22    2.20   58.
9.1  282.0    5.5
 11 01 01   1 12  206.0  0.320  1.940  0.008 1244.  435.    -14.0  0.25   2.82   0.21    2.20  115.
9.1  283.1    5.5
 11 01 01   1 13  132.6  0.214  1.733  0.009 1377.  243.     -6.5  0.25   2.82   0.21    1.30  147.
9.1  284.2    5.5
 11 01 01   1 14  147.0  0.216  1.818  0.009 1431.  242.     -6.0  0.25   2.82   0.23    1.30  219.
9.1  284.9    5.5
 11 01 01   1 15  104.0  0.208  1.633  0.009 1468.  228.     -7.6  0.25   2.82   0.26    1.30  126.
9.1  285.4    5.5
 11 01 01   1 16   26.4  0.140  1.037  0.009 1477.  127.     -9.1  0.25   2.82   0.35    0.90  151.
9.1  284.9    5.5
 11 01 01   1 17   -9.0  0.137 -9.000 -9.000 -999.  121.     24.9  0.25   2.82   0.63    1.30   69.
9.1  283.1    5.5
 11 01 01   1 18  -33.4  0.342 -9.000 -9.000 -999.  481.    129.0  0.25   2.82   1.00    3.10   81.
9.1  281.4    5.5
 11 01 01   1 19  -33.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.25   2.82   1.00    3.10   51.
9.1  279.9    5.5
 11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82   1.00    2.20   77.
9.1  278.8    5.5
 11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   53.
9.1  277.5    5.5
 11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82   1.00    2.20   58.
9.1  277.5    5.5
```

```
 11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   64.
9.1  277.5    5.5
 11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82   1.00    0.90   52.
9.1  277.0    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
 11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Const\Alice-Willow Const.isc
      ***        01/10/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Construction HRA
     ***        14:28:17

                PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000551    , L0000552    , L0000553    ,
L0000554    , L0000555    ,
                    L0000556    , L0000557    , L0000558    , L0000559    , L0000560    , L0000561    ,
L0000562    , L0000563    ,
                    L0000564    , L0000565    , L0000566    , L0000567    , L0000568    , L0000569    ,
L0000570    , L0000571    ,
                    L0000572    , L0000573    , L0000574    , L0000575    , L0000576    , L0000577    ,
L0000578    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        465946.27    3769266.81        1.56407                     465971.27    3769266.81
1.51985
        465996.27    3769266.81        1.48414                     466021.27    3769266.81
1.44764
        466046.27    3769266.81        1.40889                     466071.27    3769266.81
1.36881
        466096.27    3769266.81        1.32865                     466121.27    3769266.81
1.28969
        466146.27    3769266.81        1.25211                     466171.27    3769266.81
1.21545
        466196.27    3769266.81        1.17944                     465946.27    3769291.81
1.63338
        465971.27    3769291.81        1.58890                     465996.27    3769291.81
1.55130
        466021.27    3769291.81        1.50905                     466046.27    3769291.81
1.46575
        466071.27    3769291.81        1.42171                     466096.27    3769291.81
1.37797
        466121.27    3769291.81        1.33599                     466146.27    3769291.81
1.29574
        466171.27    3769291.81        1.25610                     466196.27    3769291.81
```

1.21738
465946.27 3769316.81 1.70963 465971.27 3769316.81
1.66656
465996.27 3769316.81 1.62207 466021.27 3769316.81
1.57384
466046.27 3769316.81 1.52518 466071.27 3769316.81
1.47681
466096.27 3769316.81 1.42932 466121.27 3769316.81
1.38394
466146.27 3769316.81 1.34083 466171.27 3769316.81
1.29819
466196.27 3769316.81 1.25652 465946.27 3769341.81
1.79758
465971.27 3769341.81 1.74569 465996.27 3769341.81
1.69486
466021.27 3769341.81 1.64113 466046.27 3769341.81
1.58757
466071.27 3769341.81 1.53480 466096.27 3769341.81
1.48311
466121.27 3769341.81 1.43397 466146.27 3769341.81
1.38765
466171.27 3769341.81 1.34178 466196.27 3769341.81
1.29701
465946.27 3769366.81 1.89126 465971.27 3769366.81
1.83022
465996.27 3769366.81 1.77147 466021.27 3769366.81
1.71195
466046.27 3769366.81 1.65318 466071.27 3769366.81
1.59564
466096.27 3769366.81 1.53980 466121.27 3769366.81
1.48672
466146.27 3769366.81 1.43652 466171.27 3769366.81
1.38697
466196.27 3769366.81 1.33879 464696.27 3770066.81
1.16310
464721.27 3770066.81 1.22274 464746.27 3770066.81
1.28529
464771.27 3770066.81 1.35132 464796.27 3770066.81
1.41924
464821.27 3770066.81 1.48808 464846.27 3770066.81
1.57209
464871.27 3770066.81 1.67008 464896.27 3770066.81
1.77769
464921.27 3770066.81 1.89308 464946.27 3770066.81
2.03209
464971.27 3770066.81 2.21542 464996.27 3770066.81
2.42992
465021.27 3770066.81 2.66702 464696.27 3770091.81
1.13475
464721.27 3770091.81 1.19304 464746.27 3770091.81
1.25482
464771.27 3770091.81 1.31964 464796.27 3770091.81
1.38462
464821.27 3770091.81 1.44778 464846.27 3770091.81
1.52492
464871.27 3770091.81 1.61670 464896.27 3770091.81
1.71764
464921.27 3770091.81 1.82850 464946.27 3770091.81
1.95631

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***

                              INCLUDING SOURCE(S):   L0000551   , L0000552   , L0000553   , L0000554   , L0000555   ,
                L0000556   , L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
                L0000564   , L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
                L0000572   , L0000573   , L0000574   , L0000575   , L0000576   , L0000577   , L0000578   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000551 , L0000552 , L0000553 , L0000554 , L0000555 ,
L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 ,
L0000564 , L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 ,

L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464971.27	3770216.81	1.74614	464996.27	3770216.81	1.87000
465021.27	3770216.81	2.01261	465046.27	3770216.81	2.15702
465071.27	3770216.81	2.30596	465096.27	3770216.81	2.46827
465121.27	3770216.81	2.65099	464696.27	3770241.81	0.94555
464721.27	3770241.81	0.98608	464746.27	3770241.81	1.03193
464771.27	3770241.81	1.08118	464796.27	3770241.81	1.13576
464821.27	3770241.81	1.19534	464846.27	3770241.81	1.26128
464871.27	3770241.81	1.32777	464896.27	3770241.81	1.40102
464921.27	3770241.81	1.48008	464946.27	3770241.81	1.56844
464971.27	3770241.81	1.66585	464996.27	3770241.81	1.77346
465021.27	3770241.81	1.90448	465046.27	3770241.81	2.03432
465071.27	3770241.81	2.16493	465096.27	3770241.81	2.30677
465121.27	3770241.81	2.46679	464696.27	3770266.81	0.92072
464721.27	3770266.81	0.96114	464746.27	3770266.81	1.00521
464771.27	3770266.81	1.05277	464796.27	3770266.81	1.10387
464821.27	3770266.81	1.15623	464846.27	3770266.81	1.21845
464871.27	3770266.81	1.28355	464896.27	3770266.81	1.34714
464921.27	3770266.81	1.42249	464946.27	3770266.81	1.51019
464971.27	3770266.81	1.59584	464996.27	3770266.81	1.69513
465021.27	3770266.81	1.81273	465046.27	3770266.81	1.92513
465071.27	3770266.81	2.04389	465096.27	3770266.81	2.17861
465121.27	3770266.81	2.32909	464696.27	3770291.81	0.89334
464721.27	3770291.81	0.93247	464746.27	3770291.81	0.97430
464771.27	3770291.81	1.02048	464796.27	3770291.81	1.06915
464821.27	3770291.81	1.11258	464846.27	3770291.81	

1.17118
         464871.27   3770291.81   1.23373   464896.27   3770291.81
1.28576
         464921.27   3770291.81   1.35725   464946.27   3770291.81
1.44410
         464971.27   3770291.81   1.51874   464996.27   3770291.81
1.61396
         465021.27   3770291.81   1.72578   465046.27   3770291.81
1.82963
         465071.27   3770291.81   1.93933   465096.27   3770291.81
2.06109
         465121.27   3770291.81   2.21208   464696.27   3770316.81
0.86766
         464721.27   3770316.81   0.90511   464746.27   3770316.81
0.94482
         464771.27   3770316.81   0.98914   464796.27   3770316.81
1.03432
         464821.27   3770316.81   1.07002   464846.27   3770316.81
1.12389
         464871.27   3770316.81   1.18247   464896.27   3770316.81
1.22673
         464921.27   3770316.81   1.29297   464946.27   3770316.81
1.37645
         464971.27   3770316.81   1.44386   464996.27   3770316.81
1.53632
         465021.27   3770316.81   1.64565   465046.27   3770316.81
1.75531
         465071.27   3770316.81   1.87021   465096.27   3770316.81
1.98447
         465121.27   3770316.81   2.12647   464696.27   3770341.81
0.84678

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000551   , L0000552   , L0000553   ,
L0000554   , L0000555   ,
                     L0000556   , L0000557   , L0000558   , L0000559   , L0000560   , L0000561   ,
L0000562   , L0000563   ,
                     L0000564   , L0000565   , L0000566   , L0000567   , L0000568   , L0000569   ,
L0000570   , L0000571   ,
                     L0000572   , L0000573   , L0000574   , L0000575   , L0000576   , L0000577   ,
L0000578   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 -
- - - - - - - - - - - - - -
         464721.27   3770341.81   0.88260   464746.27   3770341.81
0.92101

464771.27 3770341.81 0.96331 464796.27 3770341.81
1.00261
464821.27 3770341.81 1.03291 464846.27 3770341.81
1.08108
464871.27 3770341.81 1.13513 464896.27 3770341.81
1.17569
464921.27 3770341.81 1.23563 464946.27 3770341.81
1.31381
464971.27 3770341.81 1.37628 464996.27 3770341.81
1.46662
465021.27 3770341.81 1.57278 465046.27 3770341.81
1.69855
465071.27 3770341.81 1.82943 465096.27 3770341.81
1.94262
465121.27 3770341.81 2.06025 464696.27 3770366.81
0.82143
464721.27 3770366.81 0.85564 464746.27 3770366.81
0.89202
464771.27 3770366.81 0.93329 464796.27 3770366.81
0.97221
464821.27 3770366.81 0.99830 464846.27 3770366.81
1.03924
464871.27 3770366.81 1.08990 464896.27 3770366.81
1.12732
464921.27 3770366.81 1.18115 464946.27 3770366.81
1.25362
464971.27 3770366.81 1.31257 464996.27 3770366.81
1.40113
465021.27 3770366.81 1.50517 464696.27 3770391.81
0.79321
464721.27 3770391.81 0.82568 464746.27 3770391.81
0.86014
464771.27 3770391.81 0.90038 464796.27 3770391.81
0.93893
464821.27 3770391.81 0.96162 464846.27 3770391.81
0.99980
464871.27 3770391.81 1.04587 464896.27 3770391.81
1.08034
464921.27 3770391.81 1.12941 464946.27 3770391.81
1.19690
464971.27 3770391.81 1.25357 464996.27 3770391.81
1.34275
465021.27 3770391.81 1.43980 464696.27 3770416.81
0.77256
464721.27 3770416.81 0.80328 464746.27 3770416.81
0.83603
464771.27 3770416.81 0.87376 464796.27 3770416.81
0.90648
464821.27 3770416.81 0.92602 464846.27 3770416.81
0.96083
464871.27 3770416.81 1.00417 464896.27 3770416.81
1.03701
464921.27 3770416.81 1.08349 464946.27 3770416.81
1.14405
464971.27 3770416.81 1.19524 464996.27 3770416.81
1.28218
465021.27 3770416.81 1.37299 464696.27 3770441.81
0.74831
464721.27 3770441.81 0.77755 464746.27 3770441.81
0.80802
464771.27 3770441.81 0.84354 464796.27 3770441.81

0.87394
         464821.27   3770441.81   0.89201   464846.27   3770441.81
0.92465
         464871.27   3770441.81   0.96596   464896.27   3770441.81
0.99752
         464921.27   3770441.81   1.04215   464946.27   3770441.81
1.09685
         464971.27   3770441.81   1.14160   464996.27   3770441.81
1.22299
         465021.27   3770441.81   1.30665   465871.27   3770441.81
3.03278
         465896.27   3770441.81   3.07026   465921.27   3770441.81
3.09810
         465946.27   3770441.81   3.11564   465971.27   3770441.81
3.10693
         465996.27   3770441.81   3.08611   466021.27   3770441.81
3.06449

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000551   , L0000552   , L0000553   ,
L0000554   , L0000555   ,
                L0000556   , L0000557   , L0000558   , L0000559   , L0000560   , L0000561   ,
L0000562   , L0000563   ,
                L0000564   , L0000565   , L0000566   , L0000567   , L0000568   , L0000569   ,
L0000570   , L0000571   ,
                L0000572   , L0000573   , L0000574   , L0000575   , L0000576   , L0000577   ,
L0000578   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 - - -

465921.27 3770466.81 2.81408 465946.27 3770466.81
2.84391
465971.27 3770466.81 2.85663 465996.27 3770466.81
2.85416
466021.27 3770466.81 2.84445 464696.27 3770491.81
0.69991
464721.27 3770491.81 0.72587 464746.27 3770491.81
0.75223
464771.27 3770491.81 0.78365 464796.27 3770491.81
0.81118
464821.27 3770491.81 0.82866 464846.27 3770491.81
0.86201
464871.27 3770491.81 0.89977 464896.27 3770491.81
0.92780
464921.27 3770491.81 0.96794 464946.27 3770491.81
1.01405
464971.27 3770491.81 1.04920 464996.27 3770491.81
1.11347
465021.27 3770491.81 1.18088 465871.27 3770491.81
2.49306
465896.27 3770491.81 2.53078 465921.27 3770491.81
2.56578
465946.27 3770491.81 2.59837 465971.27 3770491.81
2.62202
465996.27 3770491.81 2.63390 466021.27 3770491.81
2.63402
464696.27 3770516.81 0.67941 464721.27 3770516.81
0.70362
464746.27 3770516.81 0.72898 464771.27 3770516.81
0.75800
464796.27 3770516.81 0.78240 464821.27 3770516.81
0.80031
464846.27 3770516.81 0.83347 464871.27 3770516.81
0.86916
464896.27 3770516.81 0.89502 464921.27 3770516.81
0.93297
464946.27 3770516.81 0.97603 464971.27 3770516.81
1.00739
464996.27 3770516.81 1.06321 465021.27 3770516.81
1.12354
465871.27 3770516.81 2.27644 465896.27 3770516.81
2.31480
465921.27 3770516.81 2.34959 465946.27 3770516.81
2.38148
465971.27 3770516.81 2.40782 465996.27 3770516.81
2.42656
466021.27 3770516.81 2.43650 464696.27 3770541.81
0.65289
464721.27 3770541.81 0.67721 464746.27 3770541.81
0.70121
464771.27 3770541.81 0.72928 464796.27 3770541.81
0.75379
464821.27 3770541.81 0.77145 464846.27 3770541.81
0.80580
464871.27 3770541.81 0.84038 464896.27 3770541.81
0.86572
464921.27 3770541.81 0.90084 464946.27 3770541.81
0.94018
464971.27 3770541.81 0.97012 464996.27 3770541.81
1.01714
465021.27 3770541.81 1.06973 465871.27 3770541.81

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000551   , L0000552   , L0000553   ,
L0000554   , L0000555   ,
                L0000556   , L0000557   , L0000558   , L0000559   , L0000560   , L0000561   ,
L0000562   , L0000563   ,
                L0000564   , L0000565   , L0000566   , L0000567   , L0000568   , L0000569   ,
L0000570   , L0000571   ,
                L0000572   , L0000573   , L0000574   , L0000575   , L0000576   , L0000577   ,
L0000578   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 - - -

```
         464821.27    3770591.81        0.71813                    464846.27    3770591.81
0.75164
         464871.27    3770591.81        0.78339                    464896.27    3770591.81
0.81145
         464921.27    3770591.81        0.84115                    464946.27    3770591.81
0.87215
         464971.27    3770591.81        0.90188                    464996.27    3770591.81
0.93467
         465021.27    3770591.81        0.97135                    465871.27    3770591.81
1.74538
         465896.27    3770591.81        1.77577                    465921.27    3770591.81
1.81913
         465946.27    3770591.81        1.85932                    465971.27    3770591.81
1.88842
         465996.27    3770591.81        1.91092                    466021.27    3770591.81
1.93074
         464696.27    3770616.81        0.58936                    464721.27    3770616.81
0.61018
         464746.27    3770616.81        0.62994                    464771.27    3770616.81
0.65274
         464796.27    3770616.81        0.67376                    464821.27    3770616.81
0.69068
         464846.27    3770616.81        0.72191                    464871.27    3770616.81
0.74909
         464896.27    3770616.81        0.77533                    464921.27    3770616.81
0.80266
         464946.27    3770616.81        0.83030                    464971.27    3770616.81
0.85813
         464996.27    3770616.81        0.88763                    465021.27    3770616.81
0.92205
         465871.27    3770616.81        1.61238                    465896.27    3770616.81
1.64075
         465921.27    3770616.81        1.67776                    465946.27    3770616.81
1.71341
         465971.27    3770616.81        1.74365                    465996.27    3770616.81
1.76846
         466021.27    3770616.81        1.78939                    464696.27    3770641.81
0.56321
         464721.27    3770641.81        0.58036                    464746.27    3770641.81
0.59982
         464771.27    3770641.81        0.62486                    464796.27    3770641.81
0.64882
         464821.27    3770641.81        0.66616                    464846.27    3770641.81
0.68997
         464871.27    3770641.81        0.71517                    464896.27    3770641.81
0.73963
         464921.27    3770641.81        0.76507                    464946.27    3770641.81
0.79001
         464971.27    3770641.81        0.81524                    464996.27    3770641.81
0.84360
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Const\Alice-Willow Const.isc
      ***        01/10/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Construction HRA
     ***        14:28:17

                PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000551    , L0000552    , L0000553    ,
```

L0000554 , L0000555 ,
L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 ,
L0000562 , L0000563 ,
L0000564 , L0000565 , L0000566 , L0000567 , L0000568 , L0000569 ,
L0000570 , L0000571 ,
L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 ,
L0000578 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465021.27	3770641.81	0.87638	464696.27	3770666.81	0.54840
464721.27	3770666.81	0.56331	464746.27	3770666.81	0.58206
464771.27	3770666.81	0.60464	464796.27	3770666.81	0.62465
464821.27	3770666.81	0.64506	464846.27	3770666.81	0.66879
464871.27	3770666.81	0.69146	464896.27	3770666.81	0.71407
464921.27	3770666.81	0.73857	464946.27	3770666.81	0.76298
464971.27	3770666.81	0.78503	464996.27	3770666.81	0.80907
465021.27	3770666.81	0.83678	464696.27	3770691.81	0.53360
464721.27	3770691.81	0.54609	464746.27	3770691.81	0.56401
464771.27	3770691.81	0.58412	464796.27	3770691.81	0.59926
464821.27	3770691.81	0.62119	464846.27	3770691.81	0.64545
464871.27	3770691.81	0.66459	464896.27	3770691.81	0.68406
464921.27	3770691.81	0.70851	464946.27	3770691.81	0.73234
464971.27	3770691.81	0.75043	464996.27	3770691.81	0.77146
465021.27	3770691.81	0.79750	464696.27	3770716.81	0.51855
464721.27	3770716.81	0.52887	464746.27	3770716.81	0.54522
464771.27	3770716.81	0.56354	464796.27	3770716.81	0.57534
464821.27	3770716.81	0.59708	464846.27	3770716.81	0.62087
464871.27	3770716.81	0.63702	464896.27	3770716.81	0.65360
464921.27	3770716.81	0.67781	464946.27	3770716.81	0.70046
464971.27	3770716.81	0.71496	464996.27	3770716.81	0.73441
465021.27	3770716.81	0.75993	464696.27	3770741.81	0.50497

```
        464721.27    3770741.81        0.51389                    464746.27    3770741.81
0.52781
        464771.27    3770741.81        0.54442                    464796.27    3770741.81
0.55486
        464821.27    3770741.81        0.57547                    464846.27    3770741.81
0.59789
        464871.27    3770741.81        0.61240                    464896.27    3770741.81
0.62726
        464921.27    3770741.81        0.65022                    464946.27    3770741.81
0.67097
        464971.27    3770741.81        0.68354                    464996.27    3770741.81
0.70149
        465021.27    3770741.81        0.72523                    464696.27    3770766.81
0.49218
        464721.27    3770766.81        0.49999                    464746.27    3770766.81
0.51118
        464771.27    3770766.81        0.52683                    464796.27    3770766.81
0.53646
        464821.27    3770766.81        0.55566                    464846.27    3770766.81
0.57663
        464871.27    3770766.81        0.58980                    464896.27    3770766.81
0.60338
        464921.27    3770766.81        0.62527                    464946.27    3770766.81
0.64422
        464971.27    3770766.81        0.65553                    464996.27    3770766.81
0.67113
        465021.27    3770766.81        0.69235

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Const\Alice-Willow Const.isc
     ***       01/10/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Construction HRA
     ***       14:28:17

               PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000551    , L0000552    , L0000553    ,
L0000554    , L0000555    ,
                 L0000556    , L0000557    , L0000558    , L0000559    , L0000560    , L0000561    ,
L0000562    , L0000563    ,
                 L0000564    , L0000565    , L0000566    , L0000567    , L0000568    , L0000569    ,
L0000570    , L0000571    ,
                 L0000572    , L0000573    , L0000574    , L0000575    , L0000576    , L0000577    ,
L0000578    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        465946.27   3769266.81        9.25584  (15013017)               465971.27   3769266.81
9.26999  (15013017)
        465996.27   3769266.81        9.09971  (15013017)               466021.27   3769266.81
8.73060  (15013017)
        466046.27   3769266.81        8.19087  (15013017)               466071.27   3769266.81
```

7.52474 (15013017)
466096.27 3769266.81 6.77899 (15013017) 466121.27 3769266.81
5.99756 (15013017)
466146.27 3769266.81 5.21610 (15013017) 466171.27 3769266.81
4.86882 (15041518)
466196.27 3769266.81 4.88448 (15041518) 465946.27 3769291.81
9.86394 (15013017)
465971.27 3769291.81 9.73589 (15013017) 465996.27 3769291.81
9.40972 (15013017)
466021.27 3769291.81 8.87405 (15013017) 466046.27 3769291.81
8.18671 (15013017)
466071.27 3769291.81 7.39680 (15013017) 466096.27 3769291.81
6.55429 (15013017)
466121.27 3769291.81 5.70468 (15013017) 466146.27 3769291.81
5.17761 (15041518)
466171.27 3769291.81 5.19360 (15041518) 466196.27 3769291.81
5.14896 (15041518)
465946.27 3769316.81 10.42728 (15013017) 465971.27 3769316.81
10.14287 (15013017)
465996.27 3769316.81 9.62721 (15013017) 466021.27 3769316.81
8.91899 (15013017)
466046.27 3769316.81 8.08418 (15013017) 466071.27 3769316.81
7.17860 (15013017)
466096.27 3769316.81 6.25273 (15013017) 466121.27 3769316.81
5.51562 (15041518)
466146.27 3769316.81 5.53362 (15041518) 466171.27 3769316.81
5.48246 (15041518)
466196.27 3769316.81 5.36968 (15041518) 465946.27 3769341.81
10.94199 (15013017)
465971.27 3769341.81 10.44133 (15013017) 465996.27 3769341.81
9.72985 (15013017)
466021.27 3769341.81 8.85176 (15013017) 466046.27 3769341.81
7.87966 (15013017)
466071.27 3769341.81 6.87258 (15013017) 466096.27 3769341.81
5.89144 (15041518)
466121.27 3769341.81 5.90666 (15041518) 466146.27 3769341.81
5.85002 (15041518)
466171.27 3769341.81 5.72283 (15041518) 466196.27 3769341.81
5.53591 (15041518)
465946.27 3769366.81 11.35783 (15013017) 465971.27 3769366.81
10.62576 (15013017)
465996.27 3769366.81 9.70995 (15013017) 466021.27 3769366.81
8.66823 (15013017)
466046.27 3769366.81 7.57264 (15013017) 466071.27 3769366.81
6.48252 (15013017)
466096.27 3769366.81 6.32516 (15041518) 466121.27 3769366.81
6.25562 (15041518)
466146.27 3769366.81 6.11307 (15041518) 466171.27 3769366.81
5.90233 (15041518)
466196.27 3769366.81 5.71340 (13102408) 464696.27 3770066.81
18.65265 (16092824)
464721.27 3770066.81 19.39105 (16092824) 464746.27 3770066.81
20.28184 (16092824)
464771.27 3770066.81 21.32148 (16092824) 464796.27 3770066.81
22.63838 (13101821)
464821.27 3770066.81 24.30497 (13101821) 464846.27 3770066.81
25.71479 (12091322)
464871.27 3770066.81 26.97109 (12091322) 464896.27 3770066.81
28.33070 (12091322)
464921.27 3770066.81 29.93347 (12091322) 464946.27 3770066.81
31.20971 (12091322)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464971.27	3770066.81	31.50094	(12091322)	464996.27	3770066.81	31.52399	(12091322)
465021.27	3770066.81	31.83286	(12112420)	464696.27	3770091.81	19.16963	(12091322)
464721.27	3770091.81	19.89098	(12091322)	464746.27	3770091.81	20.71748	(12091322)
464771.27	3770091.81	21.69583	(12091322)	464796.27	3770091.81	22.98483	(12091322)
464821.27	3770091.81	24.68635	(12091322)	464846.27	3770091.81	26.10261	(12091322)
464871.27	3770091.81	27.27592	(12091322)	464896.27	3770091.81	28.50689	(12091322)
464921.27	3770091.81	30.01286	(12070903)	464946.27	3770091.81	31.51452	(12112420)
464971.27	3770091.81	32.15809	(12112420)	464996.27	3770091.81	32.45521	(12112420)
465021.27	3770091.81	32.57106	(12112420)	464696.27	3770116.81	19.61083	(12091322)
464721.27	3770116.81	20.25238	(12091322)	464746.27	3770116.81	20.93344	(12091322)
464771.27	3770116.81	21.70704	(12091322)	464796.27	3770116.81	22.71783	(12070903)
464821.27	3770116.81	24.31896	(12070903)	464846.27	3770116.81	25.77417	(12112420)
464871.27	3770116.81	27.13400	(12112420)	464896.27	3770116.81	28.49923	(12112420)
464921.27	3770116.81	29.85996	(12112420)	464946.27	3770116.81	31.18292	(12112420)
464971.27	3770116.81	32.16291	(15021421)	464996.27	3770116.81	32.69436	(15021421)
465021.27	3770116.81	32.93562	(15021421)	465046.27	3770116.81	34.31905	(15042922)
465071.27	3770116.81	36.13529	(15042922)	464696.27	3770141.81		

19.72757 (12070903)
        464721.27   3770141.81   20.43750 (12070903)   464746.27   3770141.81
21.20433 (12112420)
        464771.27   3770141.81   22.10625 (12112420)   464796.27   3770141.81
23.07387 (12112420)
        464821.27   3770141.81   24.36786 (12112420)   464846.27   3770141.81
25.65486 (12112420)
        464871.27   3770141.81   26.80187 (12112420)   464896.27   3770141.81
28.15738 (15021421)
        464921.27   3770141.81   29.56447 (15021421)   464946.27   3770141.81
30.88028 (15021421)
        464971.27   3770141.81   32.12278 (15042922)   464996.27   3770141.81
32.78747 (15042922)
        465021.27   3770141.81   33.16559 (15042922)   465046.27   3770141.81
34.56374 (16111320)
        465071.27   3770141.81   36.58428 (13031221)   464696.27   3770166.81
20.15505 (12112420)
        464721.27   3770166.81   20.86343 (12112420)   464746.27   3770166.81
21.61468 (12112420)
        464771.27   3770166.81   22.37871 (12112420)   464796.27   3770166.81
23.12260 (15021421)
        464821.27   3770166.81   24.23871 (15021421)   464846.27   3770166.81
25.43439 (15021421)
        464871.27   3770166.81   26.60261 (15021421)   464896.27   3770166.81
27.89049 (15042922)
        464921.27   3770166.81   29.24544 (15042922)   464946.27   3770166.81
30.48494 (15042922)
        464971.27   3770166.81   31.64079 (16111320)   464996.27   3770166.81
32.44922 (16111320)
        465021.27   3770166.81   33.25427 (13031221)   465046.27   3770166.81
34.67945 (15102321)
        465071.27   3770166.81   36.52146 (13100621)   464696.27   3770191.81
20.36798 (12112420)
        464721.27   3770191.81   21.08737 (15021421)   464746.27   3770191.81
21.93823 (15021421)
        464771.27   3770191.81   22.77172 (15021421)   464796.27   3770191.81
23.51886 (15021421)
        464821.27   3770191.81   24.35759 (15042922)   464846.27   3770191.81
25.38653 (15042922)
        464871.27   3770191.81   26.51320 (15042922)   464896.27   3770191.81
27.62101 (16111320)
        464921.27   3770191.81   28.90913 (16111320)   464946.27   3770191.81
30.11514 (16111320)
        464971.27   3770191.81   31.37264 (13031221)   464996.27   3770191.81
32.33797 (15102321)
        465021.27   3770191.81   33.30062 (13100621)   465046.27   3770191.81
34.64014 (16091920)
        465071.27   3770191.81   36.60786 (16091920)   465096.27   3770191.81
38.63057 (16091920)
        465121.27   3770191.81   40.90663 (15070102)   464696.27   3770216.81
20.89972 (15021421)
        464721.27   3770216.81   21.60717 (15021421)   464746.27   3770216.81
22.33447 (15042922)
        464771.27   3770216.81   23.16438 (15042922)   464796.27   3770216.81
23.94144 (15042922)
        464821.27   3770216.81   24.66580 (15042922)   464846.27   3770216.81
25.54732 (16111320)
        464871.27   3770216.81   26.64823 (16111320)   464896.27   3770216.81
27.74852 (13031221)
        464921.27   3770216.81   29.01467 (13031221)   464946.27   3770216.81
30.25974 (15102321)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464971.27	3770216.81	31.43335	(13100621)	464996.27	3770216.81	32.38122	(13100621)
465021.27	3770216.81	33.54646	(16091920)	465046.27	3770216.81	35.00504	(16091920)
465071.27	3770216.81	36.73179	(15070102)	465096.27	3770216.81	38.62814	(15070102)
465121.27	3770216.81	40.52776	(16102323)	464696.27	3770241.81	21.14580	(15042922)
464721.27	3770241.81	21.98223	(15042922)	464746.27	3770241.81	22.70027	(15042922)
464771.27	3770241.81	23.44103	(16111320)	464796.27	3770241.81	24.26623	(16111320)
464821.27	3770241.81	25.02893	(16111320)	464846.27	3770241.81	25.83249	(13031221)
464871.27	3770241.81	26.89356	(13031221)	464896.27	3770241.81	27.93731	(15102321)
464921.27	3770241.81	29.07742	(13100621)	464946.27	3770241.81	30.13023	(13100621)
464971.27	3770241.81	31.47731	(16091920)	464996.27	3770241.81	32.79405	(16091920)
465021.27	3770241.81	33.53308	(15070102)	465046.27	3770241.81	34.92024	(15070102)
465071.27	3770241.81	36.43814	(16102323)	465096.27	3770241.81	38.47027	(16102323)
465121.27	3770241.81	40.36067	(13051221)	464696.27	3770266.81	20.98976	(15042922)
464721.27	3770266.81	21.73388	(16111320)	464746.27	3770266.81	22.45901	(16111320)
464771.27	3770266.81	23.13846	(16111320)	464796.27	3770266.81	23.99444	(13031221)
464821.27	3770266.81	24.93906	(13031221)	464846.27	3770266.81	25.69862	(15102321)
464871.27	3770266.81	26.59843	(13100621)	464896.27	3770266.81		

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27.73152  (13100621)
        464921.27   3770266.81       28.88811  (16091920)               464946.27   3770266.81
29.90660  (16091920)
        464971.27   3770266.81       31.10964  (16091920)               464996.27   3770266.81
32.25894  (15070102)
        465021.27   3770266.81       33.00507  (15070102)               465046.27   3770266.81
34.42097  (16102323)
        465071.27   3770266.81       35.97050  (16102323)               465096.27   3770266.81
37.64971  (13051221)
        465121.27   3770266.81       39.07198  (13051221)               464696.27   3770291.81
21.03536  (16111320)
        464721.27   3770291.81       21.66377  (13031221)               464746.27   3770291.81
22.42584  (13031221)
        464771.27   3770291.81       23.08636  (13031221)               464796.27   3770291.81
23.83994  (15102321)
        464821.27   3770291.81       25.00088  (13100621)               464846.27   3770291.81
25.67077  (13100621)
        464871.27   3770291.81       26.54975  (16091920)               464896.27   3770291.81
28.11928  (16091920)
        464921.27   3770291.81       29.03058  (16091920)               464946.27   3770291.81
29.64214  (15070102)
        464971.27   3770291.81       30.94885  (15070102)               464996.27   3770291.81
31.68710  (16102323)
        465021.27   3770291.81       32.47720  (16102323)               465046.27   3770291.81
33.61410  (13051221)
        465071.27   3770291.81       35.23541  (13051221)               465096.27   3770291.81
36.58123  (11103022)
        465121.27   3770291.81       37.93503  (15090824)               464696.27   3770316.81
21.01123  (13031221)
        464721.27   3770316.81       21.61746  (15102321)               464746.27   3770316.81
22.30203  (15102321)
        464771.27   3770316.81       22.95068  (13100621)               464796.27   3770316.81
23.65410  (13100621)
        464821.27   3770316.81       24.99951  (16091920)               464846.27   3770316.81
25.91484  (16091920)
        464871.27   3770316.81       26.69735  (16091920)               464896.27   3770316.81
28.12242  (15070102)
        464921.27   3770316.81       29.04355  (15070102)               464946.27   3770316.81
29.35456  (15070102)
        464971.27   3770316.81       30.71622  (16102323)               464996.27   3770316.81
31.36366  (16102323)
        465021.27   3770316.81       31.77006  (13051221)               465046.27   3770316.81
32.53323  (13051221)
        465071.27   3770316.81       33.35448  (11103022)               465096.27   3770316.81
34.99264  (15090824)
        465121.27   3770316.81       35.82285  (15090824)               464696.27   3770341.81
20.71322  (15102321)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Const\Alice-Willow Const.isc
      ***        01/10/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Construction HRA
     ***        14:28:17

                PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000551    , L0000552    , L0000553    ,
L0000554    , L0000555    ,
                    L0000556    , L0000557    , L0000558    , L0000559    , L0000560    , L0000561    ,
L0000562    , L0000563    ,
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L0000564 , L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 ,
L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464721.27	3770341.81	21.34323	(13100621)	464746.27	3770341.81	21.91913	(13100621)
464771.27	3770341.81	22.53362	(16091920)	464796.27	3770341.81	23.56835	(16091920)
464821.27	3770341.81	25.00285	(16091920)	464846.27	3770341.81	25.71729	(16091920)
464871.27	3770341.81	26.54200	(15070102)	464896.27	3770341.81	27.89529	(15070102)
464921.27	3770341.81	28.67358	(16102323)	464946.27	3770341.81	29.20232	(16102323)
464971.27	3770341.81	30.24135	(16102323)	464996.27	3770341.81	30.83664	(13051221)
465021.27	3770341.81	30.96449	(13051221)	465046.27	3770341.81	30.79082	(11103022)
465071.27	3770341.81	31.22364	(15090824)	465096.27	3770341.81	32.10900	(15090824)
465121.27	3770341.81	32.65674	(12081301)	464696.27	3770366.81	20.62187	(13100621)
464721.27	3770366.81	21.18151	(16091920)	464746.27	3770366.81	21.95137	(16091920)
464771.27	3770366.81	22.54041	(16091920)	464796.27	3770366.81	23.24863	(16091920)
464821.27	3770366.81	24.69221	(15070102)	464846.27	3770366.81	25.61993	(15070102)
464871.27	3770366.81	26.13106	(15070102)	464896.27	3770366.81	27.62720	(16102323)
464921.27	3770366.81	28.51285	(16102323)	464946.27	3770366.81	28.76794	(13051221)
464971.27	3770366.81	29.99523	(13051221)	464996.27	3770366.81	30.18763	(11103022)
465021.27	3770366.81	30.15374	(15090824)	464696.27	3770391.81	20.81292	(16091920)
464721.27	3770391.81	21.44865	(16091920)	464746.27	3770391.81	22.00441	(16091920)
464771.27	3770391.81	22.42674	(15070102)	464796.27	3770391.81	23.10700	(15070102)
464821.27	3770391.81	24.42036	(15070102)	464846.27	3770391.81	25.28092	(16102323)
464871.27	3770391.81	26.09231	(16102323)	464896.27	3770391.81	27.27700	(16102323)
464921.27	3770391.81	28.16595	(13051221)	464946.27	3770391.81	28.58719	(13051221)
464971.27	3770391.81	29.53020	(11103022)	464996.27	3770391.81	29.51518	(15090824)
465021.27	3770391.81	29.77414	(15090824)	464696.27	3770416.81	20.61778	(16091920)
464721.27	3770416.81	21.08786	(15070102)	464746.27	3770416.81		

21.71204 (15070102)
        464771.27   3770416.81   22.10393 (15070102)   464796.27   3770416.81
22.74057 (12051702)
        464821.27   3770416.81   24.27627 (16102323)   464846.27   3770416.81
25.16665 (16102323)
        464871.27   3770416.81   25.62568 (16102323)   464896.27   3770416.81
26.99139 (13051221)
        464921.27   3770416.81   27.75333 (13051221)   464946.27   3770416.81
28.25048 (11103022)
        464971.27   3770416.81   29.20822 (15090824)   464996.27   3770416.81
29.31466 (15090824)
        465021.27   3770416.81   29.06964 (15090824)   464696.27   3770441.81
20.52234 (15070102)
        464721.27   3770441.81   21.02984 (15070102)   464746.27   3770441.81
21.45343 (15070102)
        464771.27   3770441.81   21.89368 (16102323)   464796.27   3770441.81
22.72269 (16102323)
        464821.27   3770441.81   24.00706 (16102323)   464846.27   3770441.81
24.76526 (13051221)
        464871.27   3770441.81   25.48665 (13051221)   464896.27   3770441.81
26.52480 (11103022)
        464921.27   3770441.81   27.31206 (11103022)   464946.27   3770441.81
27.86130 (15090824)
        464971.27   3770441.81   29.06261 (15090824)   464996.27   3770441.81
28.70077 (15090824)
        465021.27   3770441.81   28.17497 (12081301)   465871.27   3770441.81
32.17777 (12080721)
        465896.27   3770441.81   30.87342 (13082921)   465921.27   3770441.81
29.80552 (15062822)
        465946.27   3770441.81   28.29505 (12081623)   465971.27   3770441.81
25.60469 (11090721)
        465996.27   3770441.81   23.92280 (12081321)   466021.27   3770441.81
23.08856 (11080220)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000551   , L0000552   , L0000553   ,
L0000554   , L0000555   ,
                L0000556   , L0000557   , L0000558   , L0000559   , L0000560   , L0000561   ,
L0000562   , L0000563   ,
                L0000564   , L0000565   , L0000566   , L0000567   , L0000568   , L0000569   ,
L0000570   , L0000571   ,
                L0000572   , L0000573   , L0000574   , L0000575   , L0000576   , L0000577   ,
L0000578   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
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- - - - - - - - - - - - - - - - - -

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        464696.27   3770466.81       20.56892  (15070102)              464721.27   3770466.81
20.96886  (12051702)
        464746.27   3770466.81       21.62966  (16102323)              464771.27   3770466.81
21.99988  (16102323)
        464796.27   3770466.81       22.43075  (16102323)              464821.27   3770466.81
23.74714  (13051221)
        464846.27   3770466.81       24.52566  (13051221)              464871.27   3770466.81
25.06561  (11103022)
        464896.27   3770466.81       26.09787  (11103022)              464921.27   3770466.81
26.87048  (15090824)
        464946.27   3770466.81       27.52333  (15090824)              464971.27   3770466.81
28.36117  (15090824)
        464996.27   3770466.81       27.84356  (12081301)              465021.27   3770466.81
27.49445  (15090204)
        465871.27   3770466.81       31.53777  (13062921)              465896.27   3770466.81
30.74117  (12080721)
        465921.27   3770466.81       29.80468  (12091920)              465946.27   3770466.81
28.25478  (15062822)
        465971.27   3770466.81       25.84563  (12081623)              465996.27   3770466.81
24.26511  (11090721)
        466021.27   3770466.81       23.20064  (12081321)              464696.27   3770491.81
20.29970  (16102323)
        464721.27   3770491.81       20.85367  (16102323)              464746.27   3770491.81
21.33298  (16102323)
        464771.27   3770491.81       21.57734  (13051221)              464796.27   3770491.81
22.37790  (13051221)
        464821.27   3770491.81       23.51278  (13051221)              464846.27   3770491.81
24.14081  (11103022)
        464871.27   3770491.81       24.57538  (11103022)              464896.27   3770491.81
25.75361  (15090824)
        464921.27   3770491.81       26.47290  (15090824)              464946.27   3770491.81
26.74427  (15090824)
        464971.27   3770491.81       27.38388  (12081301)              464996.27   3770491.81
27.14699  (15090204)
        465021.27   3770491.81       27.17682  (15090204)              465871.27   3770491.81
30.57210  (13062921)
        465896.27   3770491.81       29.52087  (12080721)              465921.27   3770491.81
28.71798  (13082921)
        465946.27   3770491.81       27.41028  (12091920)              465971.27   3770491.81
25.57356  (15062822)
        465996.27   3770491.81       24.48193  (12081623)              466021.27   3770491.81
23.13311  (11090721)
        464696.27   3770516.81       20.16528  (16102323)              464721.27   3770516.81
20.52327  (16102323)
        464746.27   3770516.81       21.00713  (13051221)              464771.27   3770516.81
21.50444  (13051221)
        464796.27   3770516.81       22.11582  (13051221)              464821.27   3770516.81
23.27211  (11103022)
        464846.27   3770516.81       23.64025  (11103022)              464871.27   3770516.81
24.35221  (15090824)
        464896.27   3770516.81       25.38083  (15090824)              464921.27   3770516.81
25.70955  (15090824)
        464946.27   3770516.81       25.82166  (12081301)              464971.27   3770516.81
26.60581  (13031223)
        464996.27   3770516.81       26.76597  (15090204)              465021.27   3770516.81
26.72374  (15060920)
        465871.27   3770516.81       29.36329  (13062921)              465896.27   3770516.81
28.38722  (13062921)
        465921.27   3770516.81       27.38022  (12080721)              465946.27   3770516.81
26.28780  (13082921)
        465971.27   3770516.81       24.98402  (15062822)              465996.27   3770516.81
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24.10697 (12081623)
        466021.27   3770516.81   22.96825 (12081623)   464696.27   3770541.81
20.33759 (12091521)
        464721.27   3770541.81   20.62473 (12091521)   464746.27   3770541.81
21.08351 (13051221)
        464771.27   3770541.81   21.41508 (11103022)   464796.27   3770541.81
22.06979 (11103022)
        464821.27   3770541.81   22.91028 (15090824)   464846.27   3770541.81
23.51511 (15090824)
        464871.27   3770541.81   23.94756 (15090824)   464896.27   3770541.81
24.57561 (15090824)
        464921.27   3770541.81   24.80338 (12081301)   464946.27   3770541.81
25.07421 (13031223)
        464971.27   3770541.81   25.99898 (15090204)   464996.27   3770541.81
26.19922 (15060920)
        465021.27   3770541.81   26.24650 (11070903)   465871.27   3770541.81
28.75089 (13062921)
        465896.27   3770541.81   28.32169 (13062921)   465921.27   3770541.81
26.57380 (13062921)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000551   , L0000552   , L0000553   ,
L0000554   , L0000555   ,
                L0000556   , L0000557   , L0000558   , L0000559   , L0000560   , L0000561   ,
L0000562   , L0000563   ,
                L0000564   , L0000565   , L0000566   , L0000567   , L0000568   , L0000569   ,
L0000570   , L0000571   ,
                L0000572   , L0000573   , L0000574   , L0000575   , L0000576   , L0000577   ,
L0000578   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - - -
        465946.27   3770541.81   25.05589 (12080721)   465971.27   3770541.81
24.05905 (13082921)
        465996.27   3770541.81   23.53566 (15062822)   466021.27   3770541.81
22.42845 (12081623)
        464696.27   3770566.81   20.42249 (12091521)   464721.27   3770566.81
20.67518 (13090622)
        464746.27   3770566.81   21.05899 (13090622)   464771.27   3770566.81
21.27936 (11103022)
        464796.27   3770566.81   21.83337 (15090824)   464821.27   3770566.81
22.93782 (15090824)
        464846.27   3770566.81   23.15981 (15090824)   464871.27   3770566.81
23.23456 (12081301)
        464896.27   3770566.81   23.63788 (11072003)   464921.27   3770566.81
24.01518 (13031223)

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        464946.27   3770566.81       24.50618  (15090204)              464971.27   3770566.81
25.16631  (15060920)
        464996.27   3770566.81       25.50351  (11070903)              465021.27   3770566.81
25.65882  (11070903)
        465871.27   3770566.81       28.14260  (11070304)              465896.27   3770566.81
27.71352  (13062921)
        465921.27   3770566.81       26.18034  (13062921)              465946.27   3770566.81
24.20677  (12080721)
        465971.27   3770566.81       23.26749  (12080721)              465996.27   3770566.81
22.66212  (12091920)
        466021.27   3770566.81       21.85599  (15062822)              464696.27   3770591.81
20.41724  (13090622)
        464721.27   3770591.81       20.55271  (13090622)              464746.27   3770591.81
20.71231  (13090622)
        464771.27   3770591.81       21.07372  (15090824)              464796.27   3770591.81
21.91005  (15090824)
        464821.27   3770591.81       22.69110  (15090824)              464846.27   3770591.81
22.61651  (12081301)
        464871.27   3770591.81       22.65061  (11072003)              464896.27   3770591.81
23.03361  (13031223)
        464921.27   3770591.81       23.56340  (15090204)              464946.27   3770591.81
24.00035  (15060920)
        464971.27   3770591.81       24.47997  (11070903)              464996.27   3770591.81
24.93254  (11070903)
        465021.27   3770591.81       25.10465  (13051321)              465871.27   3770591.81
27.48855  (11070304)
        465896.27   3770591.81       26.71509  (16062724)              465921.27   3770591.81
25.63638  (13062921)
        465946.27   3770591.81       23.99846  (13062921)              465971.27   3770591.81
22.86533  (12080721)
        465996.27   3770591.81       22.18407  (13082921)              466021.27   3770591.81
21.50504  (12091920)
        464696.27   3770616.81       20.79807  (13090622)              464721.27   3770616.81
20.76460  (13090622)
        464746.27   3770616.81       21.06522  (15061824)              464771.27   3770616.81
21.32510  (15090824)
        464796.27   3770616.81       21.78845  (15090824)              464821.27   3770616.81
22.68488  (15081422)
        464846.27   3770616.81       22.62907  (15081422)              464871.27   3770616.81
22.72959  (15081422)
        464896.27   3770616.81       22.98730  (15090204)              464921.27   3770616.81
23.39948  (15060920)
        464946.27   3770616.81       23.76435  (11070903)              464971.27   3770616.81
24.29428  (11070903)
        464996.27   3770616.81       24.46261  (13051321)              465021.27   3770616.81
24.91155  (13051321)
        465871.27   3770616.81       26.66324  (13082001)              465896.27   3770616.81
25.97005  (11070304)
        465921.27   3770616.81       24.96053  (13062921)              465946.27   3770616.81
23.95907  (13062921)
        465971.27   3770616.81       22.73027  (13062921)              465996.27   3770616.81
22.02992  (12080721)
        466021.27   3770616.81       21.45523  (13082921)              464696.27   3770641.81
21.12791  (13090622)
        464721.27   3770641.81       21.59626  (15061824)              464746.27   3770641.81
21.82846  (15061824)
        464771.27   3770641.81       21.73443  (12090901)              464796.27   3770641.81
21.91423  (15081422)
        464821.27   3770641.81       22.79614  (15081422)              464846.27   3770641.81
22.94640  (15081422)
        464871.27   3770641.81       22.78103  (15081422)              464896.27   3770641.81
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000551   , L0000552   , L0000553   ,
L0000554   , L0000555   ,
                L0000556   , L0000557   , L0000558   , L0000559   , L0000560   , L0000561   ,
L0000562   , L0000563   ,
                L0000564   , L0000565   , L0000566   , L0000567   , L0000568   , L0000569   ,
L0000570   , L0000571   ,
                L0000572   , L0000573   , L0000574   , L0000575   , L0000576   , L0000577   ,
L0000578   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 - - -

```
        465021.27   3770691.81       23.79026  (16061822)              464696.27   3770716.81
20.47068  (12090901)
        464721.27   3770716.81       21.30602  (15081422)              464746.27   3770716.81
21.74494  (15081422)
        464771.27   3770716.81       21.82732  (15081422)              464796.27   3770716.81
22.27960  (15081422)
        464821.27   3770716.81       21.99870  (16102921)              464846.27   3770716.81
21.77501  (16072803)
        464871.27   3770716.81       22.20005  (16072803)              464896.27   3770716.81
22.44165  (16082302)
        464921.27   3770716.81       22.34352  (15102521)              464946.27   3770716.81
22.45812  (15082701)
        464971.27   3770716.81       23.26070  (15082701)              464996.27   3770716.81
23.71980  (15082522)
        465021.27   3770716.81       23.54205  (15082522)              464696.27   3770741.81
20.28988  (15081422)
        464721.27   3770741.81       21.25184  (15081422)              464746.27   3770741.81
21.58648  (15081422)
        464771.27   3770741.81       21.48857  (15081422)              464796.27   3770741.81
22.02613  (16102921)
        464821.27   3770741.81       21.91072  (16072803)              464846.27   3770741.81
21.66922  (16072803)
        464871.27   3770741.81       21.90279  (16082302)              464896.27   3770741.81
22.42681  (15102521)
        464921.27   3770741.81       22.26204  (15082701)              464946.27   3770741.81
22.47165  (15082701)
        464971.27   3770741.81       23.25068  (15082522)              464996.27   3770741.81
23.63268  (15082522)
        465021.27   3770741.81       23.19625  (15082522)              464696.27   3770766.81
20.13701  (15081422)
        464721.27   3770766.81       20.91649  (15081422)              464746.27   3770766.81
21.18590  (15081422)
        464771.27   3770766.81       21.12212  (16102921)              464796.27   3770766.81
21.85485  (16102921)
        464821.27   3770766.81       21.75168  (16072803)              464846.27   3770766.81
21.29725  (16072803)
        464871.27   3770766.81       21.76922  (15102521)              464896.27   3770766.81
22.23459  (15102521)
        464921.27   3770766.81       22.20405  (15082701)              464946.27   3770766.81
22.22833  (15082522)
        464971.27   3770766.81       23.11654  (15082522)              464996.27   3770766.81
23.31313  (15082522)
        465021.27   3770766.81       23.06983  (16102718)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Const\Alice-Willow Const.isc
     ***        01/10/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Construction HRA
     ***        14:28:17

                PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS ***


                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **


      NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF
TYPE  GRID-ID
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- - - -
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   7 Warning Message(s)
A Total of   838 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   40 Calm Hours Identified

A Total of   798 Missing Hours Identified (1.82 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   525   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   525   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W438   8800   METQA: Convective Velocity Data Out-of-Range. KURDAT =   12010216
MX W438   11536   METQA: Convective Velocity Data Out-of-Range. KURDAT =   12042516
MX W420   16779   METQA: Wind Speed Out-of-Range.   KURDAT =   12113003
MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at: 15010101
MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at: 1 year gap

   ****
   *** AERMOD Finishes Successfully ***
   ****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 1/11/2023
** File: C:\Users\mmorales\Desktop\Projects\Alice-Willow Ops\Alice-Willow Ops.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
   TITLETWO Alice-Willow Warehouse - Operational HRA
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2035210 San_Bernardino_County_Population
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Alice-Willow Ops.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = TRUCK1
** DESCRSRC Truck Travel Arriving on West I-10
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 11
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** 463680.652, 3769809.172, 328.28, 3.40, 4.51
** 463851.737, 3769793.414, 326.03, 3.40, 4.51
** 464031.827, 3769788.912, 325.41, 3.40, 4.51
** 464414.518, 3769782.158, 324.93, 3.40, 4.51
** 464740.931, 3769793.414, 324.74, 3.40, 4.51
** 465161.892, 3769797.916, 324.17, 3.40, 4.51
** 465513.062, 3769798.693, 322.31, 3.40, 4.51
** 465655.992, 3769802.987, 322.45, 3.40, 4.51
** 465821.618, 3769811.576, 327.07, 3.40, 4.51
** 465819.921, 3769904.123, 327.50, 3.40, 4.51
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LOCATION L0002813 VOLUME 463580.735 3769811.639 329.76
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LOCATION L0002817 VOLUME 463619.524 3769810.681 329.23
LOCATION L0002818 VOLUME 463629.221 3769810.442 329.10
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LOCATION L0002863 VOLUME 464064.919 3769788.328 325.54
LOCATION L0002864 VOLUME 464074.618 3769788.157 325.52
LOCATION L0002865 VOLUME 464084.316 3769787.985 325.50
LOCATION L0002866 VOLUME 464094.015 3769787.814 325.49

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LOCATION L0002871     VOLUME   464142.507 3769786.959 325.38
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LOCATION L0002978 VOLUME 465180.147 3769797.957 324.09
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** Line Source Represented by Adjacent Volume Sources
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** DESCRSRC Truck Travel Departing on West I-10
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
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** End of LINE VOLUME Source ID = TRUCK2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = TRUCK3
** DESCRSRC Trucks Arriving on East I-10
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
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** End of LINE VOLUME Source ID = TRUCK3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = TRUCK4
** DESCRSRC Truck Travel Departing on East I-10
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
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   LOCATION L0003584     VOLUME   465840.332 3770024.970 325.14
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LOCATION L0003585     VOLUME   465840.431 3770015.270 325.16
LOCATION L0003586     VOLUME   465840.529 3770005.571 325.17
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LOCATION L0003590     VOLUME   465840.923 3769966.773 325.51
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LOCATION L0003595     VOLUME   465841.415 3769918.275 326.95
LOCATION L0003596     VOLUME   465841.514 3769908.576 327.39
LOCATION L0003597     VOLUME   465841.612 3769898.876 327.38
LOCATION L0003598     VOLUME   465841.711 3769889.177 326.54
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LOCATION L0003601     VOLUME   465842.006 3769860.078 324.03
LOCATION L0003602     VOLUME   465842.105 3769850.379 323.20
LOCATION L0003603     VOLUME   465842.203 3769840.679 322.37
LOCATION L0003604     VOLUME   465842.302 3769830.980 323.92
LOCATION L0003605     VOLUME   465842.400 3769821.280 325.47
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LOCATION L0003607     VOLUME   465853.474 3769809.629 327.17
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LOCATION L0003609     VOLUME   465872.522 3769808.321 326.70
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LOCATION L0003642     VOLUME   466192.501 3769815.831 322.90
LOCATION L0003643     VOLUME   466202.200 3769815.974 322.88
LOCATION L0003644     VOLUME   466211.899 3769816.117 322.84
LOCATION L0003645     VOLUME   466221.598 3769816.260 322.80
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LOCATION L0003670 VOLUME 466463.828 3769827.018 321.46
LOCATION L0003671 VOLUME 466473.514 3769827.533 321.41
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LOCATION L0003673 VOLUME 466492.886 3769828.565 321.32
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LOCATION L0003676 VOLUME 466521.945 3769830.112 321.20
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LOCATION L0003678 VOLUME 466541.318 3769831.144 321.16
LOCATION L0003679 VOLUME 466551.004 3769831.660 321.16
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LOCATION L0003691 VOLUME 466667.298 3769836.358 321.80
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LOCATION L0003697 VOLUME 466725.479 3769837.850 322.22
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LOCATION L0003699 VOLUME 466744.873 3769838.347 322.38
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LOCATION L0003703 VOLUME 466783.660 3769839.342 322.66
LOCATION L0003704 VOLUME 466793.357 3769839.590 322.73
LOCATION L0003705 VOLUME 466803.054 3769839.839 322.82
LOCATION L0003706 VOLUME 466812.747 3769840.181 322.91

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LOCATION L0003710 VOLUME 466851.523 3769841.566 323.24
LOCATION L0003711 VOLUME 466861.217 3769841.912 323.32
LOCATION L0003712 VOLUME 466870.910 3769842.258 323.40
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LOCATION L0003721 VOLUME 466958.155 3769845.374 324.19
LOCATION L0003722 VOLUME 466967.849 3769845.695 324.22
LOCATION L0003723 VOLUME 466977.549 3769845.707 324.23
LOCATION L0003724 VOLUME 466987.249 3769845.719 324.22
LOCATION L0003725 VOLUME 466996.949 3769845.731 324.22
LOCATION L0003726 VOLUME 467006.649 3769845.743 324.22
LOCATION L0003727 VOLUME 467016.349 3769845.755 324.23
LOCATION L0003728 VOLUME 467026.049 3769845.767 324.24
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LOCATION L0003730 VOLUME 467045.449 3769845.791 324.25
LOCATION L0003731 VOLUME 467055.149 3769845.803 324.24
LOCATION L0003732 VOLUME 467064.849 3769845.815 324.23
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LOCATION L0003734 VOLUME 467084.249 3769845.839 324.19
LOCATION L0003735 VOLUME 467093.949 3769845.851 324.16
LOCATION L0003736 VOLUME 467103.649 3769845.863 324.13
LOCATION L0003737 VOLUME 467113.349 3769845.875 324.10
LOCATION L0003738 VOLUME 467123.049 3769845.887 324.08
LOCATION L0003739 VOLUME 467132.749 3769845.899 324.04
LOCATION L0003740 VOLUME 467142.449 3769845.911 324.00
LOCATION L0003741 VOLUME 467152.149 3769845.923 323.96
LOCATION L0003742 VOLUME 467161.849 3769845.935 323.92
LOCATION L0003743 VOLUME 467171.549 3769845.947 323.87
LOCATION L0003744 VOLUME 467181.249 3769845.959 323.83
LOCATION L0003745 VOLUME 467190.949 3769845.972 323.79
LOCATION L0003746 VOLUME 467200.649 3769845.984 323.76
LOCATION L0003747 VOLUME 467210.349 3769845.996 323.72
LOCATION L0003748 VOLUME 467220.049 3769846.008 323.67
LOCATION L0003749 VOLUME 467229.749 3769846.020 323.63
LOCATION L0003750 VOLUME 467239.449 3769846.032 323.56
LOCATION L0003751 VOLUME 467249.149 3769846.044 323.49
LOCATION L0003752 VOLUME 467258.849 3769846.056 323.42
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LOCATION L0003754 VOLUME 467278.249 3769846.080 323.24
LOCATION L0003755 VOLUME 467287.949 3769846.092 323.16
LOCATION L0003756 VOLUME 467297.649 3769846.104 323.08
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LOCATION L0003758 VOLUME 467317.049 3769846.128 322.90
LOCATION L0003759 VOLUME 467326.749 3769846.140 322.80
LOCATION L0003760 VOLUME 467336.449 3769846.152 322.71
LOCATION L0003761 VOLUME 467346.149 3769846.164 322.61
LOCATION L0003762 VOLUME 467355.849 3769846.176 322.50
LOCATION L0003763 VOLUME 467365.549 3769846.188 322.45
LOCATION L0003764 VOLUME 467375.249 3769846.200 322.40
LOCATION L0003765 VOLUME 467384.949 3769846.212 322.36
LOCATION L0003766 VOLUME 467394.649 3769846.224 322.38
LOCATION L0003767 VOLUME 467404.349 3769846.236 322.40

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   LOCATION L0003768     VOLUME   467414.049 3769846.248 322.37
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   LOCATION L0003770     VOLUME   467433.449 3769846.272 322.17
   LOCATION L0003771     VOLUME   467443.149 3769846.284 321.98
   LOCATION L0003772     VOLUME   467452.849 3769846.296 321.77
   LOCATION L0003773     VOLUME   467462.549 3769846.308 321.57
   LOCATION L0003774     VOLUME   467472.249 3769846.320 321.42
   LOCATION L0003775     VOLUME   467481.949 3769846.332 321.28
   LOCATION L0003776     VOLUME   467491.649 3769846.344 321.16
** End of LINE VOLUME Source ID = TRUCK4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = YTRK
** DESCRSRC Yard Truck
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 2
** 465516.322, 3769930.422, 322.13, 3.40, 4.51
** 465585.913, 3769930.865, 322.06, 3.40, 4.51
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   LOCATION L0003519     VOLUME   465521.172 3769930.453 322.08
   LOCATION L0003520     VOLUME   465530.871 3769930.515 322.07
   LOCATION L0003521     VOLUME   465540.571 3769930.577 322.06
   LOCATION L0003522     VOLUME   465550.271 3769930.638 322.06
   LOCATION L0003523     VOLUME   465559.971 3769930.700 322.07
   LOCATION L0003524     VOLUME   465569.671 3769930.762 322.06
   LOCATION L0003525     VOLUME   465579.370 3769930.824 322.05
** End of LINE VOLUME Source ID = YTRK
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LIFT
** DESCRSRC Forklifts
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 2
** 465516.322, 3769930.422, 322.13, 3.40, 4.51
** 465585.913, 3769930.865, 322.06, 3.40, 4.51
** ----------------------------------------------------------------------
   LOCATION L0003533     VOLUME   465521.172 3769930.453 322.08
   LOCATION L0003534     VOLUME   465530.871 3769930.515 322.07
   LOCATION L0003535     VOLUME   465540.571 3769930.577 322.06
   LOCATION L0003536     VOLUME   465550.271 3769930.638 322.06
   LOCATION L0003537     VOLUME   465559.971 3769930.700 322.07
   LOCATION L0003538     VOLUME   465569.671 3769930.762 322.06
   LOCATION L0003539     VOLUME   465579.370 3769930.824 322.05
** End of LINE VOLUME Source ID = LIFT
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = IDLE
** DESCRSRC Truck Idling
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
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** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 2
** 465516.322, 3769930.422, 322.13, 3.40, 1.72
** 465585.913, 3769930.865, 322.06, 3.40, 1.72
** ----------------------------------------------------------------------
   LOCATION L0003777     VOLUME   465518.172 3769930.434 322.09
   LOCATION L0003778     VOLUME   465521.872 3769930.458 322.08
   LOCATION L0003779     VOLUME   465525.572 3769930.481 322.07
   LOCATION L0003780     VOLUME   465529.271 3769930.505 322.07
   LOCATION L0003781     VOLUME   465532.971 3769930.528 322.06
   LOCATION L0003782     VOLUME   465536.671 3769930.552 322.06
   LOCATION L0003783     VOLUME   465540.371 3769930.575 322.06
   LOCATION L0003784     VOLUME   465544.071 3769930.599 322.06
   LOCATION L0003785     VOLUME   465547.771 3769930.622 322.06
   LOCATION L0003786     VOLUME   465551.471 3769930.646 322.06
   LOCATION L0003787     VOLUME   465555.171 3769930.670 322.07
   LOCATION L0003788     VOLUME   465558.871 3769930.693 322.07
   LOCATION L0003789     VOLUME   465562.571 3769930.717 322.07
   LOCATION L0003790     VOLUME   465566.271 3769930.740 322.07
   LOCATION L0003791     VOLUME   465569.971 3769930.764 322.06
   LOCATION L0003792     VOLUME   465573.671 3769930.787 322.06
   LOCATION L0003793     VOLUME   465577.370 3769930.811 322.05
   LOCATION L0003794     VOLUME   465581.070 3769930.835 322.04
   LOCATION L0003795     VOLUME   465584.770 3769930.858 322.04
** End of LINE VOLUME Source ID = IDLE
** Source Parameters **
** LINE VOLUME Source ID = TRUCK1
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   SRCPARAM L0002806     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002807     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002808     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002809     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002810     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002811     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002812     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002813     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002814     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002815     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002816     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002817     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002818     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002819     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002820     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002821     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002822     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002823     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002824     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002825     0.0040160643      3.40      4.51      3.16
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   SRCPARAM L0002833     0.0040160643      3.40      4.51      3.16
   SRCPARAM L0002834     0.0040160643      3.40      4.51      3.16
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   SRCPARAM L0002836     0.0040160643      3.40      4.51      3.16
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SRCPARAM L0002837     0.0040160643      3.40      4.51      3.16
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SRCPARAM L0002840     0.0040160643      3.40      4.51      3.16
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SRCPARAM L0002847     0.0040160643      3.40      4.51      3.16
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SRCPARAM L0002857     0.0040160643      3.40      4.51      3.16
SRCPARAM L0002858     0.0040160643      3.40      4.51      3.16
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SRCPARAM L0002860     0.0040160643      3.40      4.51      3.16
SRCPARAM L0002861     0.0040160643      3.40      4.51      3.16
SRCPARAM L0002862     0.0040160643      3.40      4.51      3.16
SRCPARAM L0002863     0.0040160643      3.40      4.51      3.16
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SRCPARAM L0003699     0.0042194093      3.40      4.51      3.16
SRCPARAM L0003700     0.0042194093      3.40      4.51      3.16
SRCPARAM L0003701     0.0042194093      3.40      4.51      3.16
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SRCPARAM L0003711     0.0042194093      3.40      4.51      3.16
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SRCPARAM L0003713     0.0042194093      3.40      4.51      3.16
SRCPARAM L0003714     0.0042194093      3.40      4.51      3.16
SRCPARAM L0003715     0.0042194093      3.40      4.51      3.16
SRCPARAM L0003716     0.0042194093      3.40      4.51      3.16
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SRCPARAM L0003718     0.0042194093      3.40      4.51      3.16
SRCPARAM L0003719     0.0042194093      3.40      4.51      3.16
SRCPARAM L0003720     0.0042194093      3.40      4.51      3.16
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SRCPARAM L0003726     0.0042194093      3.40      4.51      3.16
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SRCPARAM L0003729     0.0042194093      3.40      4.51      3.16
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SRCPARAM L0003731     0.0042194093      3.40      4.51      3.16
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SRCPARAM L0003743     0.0042194093      3.40      4.51      3.16
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   SRCPARAM L0003747     0.0042194093      3.40      4.51      3.16
   SRCPARAM L0003748     0.0042194093      3.40      4.51      3.16
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   SRCPARAM L0003776     0.0042194093      3.40      4.51      3.16
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   SRCPARAM L0003520     0.1428571429      3.40      4.51      3.16
   SRCPARAM L0003521     0.1428571429      3.40      4.51      3.16
   SRCPARAM L0003522     0.1428571429      3.40      4.51      3.16
   SRCPARAM L0003523     0.1428571429      3.40      4.51      3.16
   SRCPARAM L0003524     0.1428571429      3.40      4.51      3.16
   SRCPARAM L0003525     0.1428571429      3.40      4.51      3.16
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** LINE VOLUME Source ID = LIFT
   SRCPARAM L0003533     0.1428571429      3.40      4.51      3.16
   SRCPARAM L0003534     0.1428571429      3.40      4.51      3.16
   SRCPARAM L0003535     0.1428571429      3.40      4.51      3.16
   SRCPARAM L0003536     0.1428571429      3.40      4.51      3.16
   SRCPARAM L0003537     0.1428571429      3.40      4.51      3.16
   SRCPARAM L0003538     0.1428571429      3.40      4.51      3.16
   SRCPARAM L0003539     0.1428571429      3.40      4.51      3.16
** ------------------------------------------------------------------
** LINE VOLUME Source ID = IDLE
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   SRCPARAM L0003778     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003779     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003780     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003781     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003782     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003783     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003784     0.0526315789      3.40      1.72      3.16
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   SRCPARAM L0003786     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003787     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003788     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003789     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003790     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003791     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003792     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003793     0.0526315789      3.40      1.72      3.16
   SRCPARAM L0003794     0.0526315789      3.40      1.72      3.16
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** ------------------------------------------------------------------
**
** No Building Downwash **
**
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   SRCGROUP TRUCK2   L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
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SRCGROUP TRUCK4   L0003732 L0003733 L0003734 L0003735 L0003736 L0003737
SRCGROUP TRUCK4   L0003738 L0003739 L0003740 L0003741 L0003742 L0003743
SRCGROUP TRUCK4   L0003744 L0003745 L0003746 L0003747 L0003748 L0003749
SRCGROUP TRUCK4   L0003750 L0003751 L0003752 L0003753 L0003754 L0003755
SRCGROUP TRUCK4   L0003756 L0003757 L0003758 L0003759 L0003760 L0003761
SRCGROUP TRUCK4   L0003762 L0003763 L0003764 L0003765 L0003766 L0003767
SRCGROUP TRUCK4   L0003768 L0003769 L0003770 L0003771 L0003772 L0003773
SRCGROUP TRUCK4   L0003774 L0003775 L0003776
SRCGROUP YTRK     L0003519 L0003520 L0003521 L0003522 L0003523 L0003524
SRCGROUP YTRK     L0003525
SRCGROUP LIFT     L0003533 L0003534 L0003535 L0003536 L0003537 L0003538
```

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   SRCGROUP LIFT     L0003539
   SRCGROUP IDLE     L0003777 L0003778 L0003779 L0003780 L0003781 L0003782
   SRCGROUP IDLE     L0003783 L0003784 L0003785 L0003786 L0003787 L0003788
   SRCGROUP IDLE     L0003789 L0003790 L0003791 L0003792 L0003793 L0003794
   SRCGROUP IDLE     L0003795
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Alice-Willow Ops.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "ALICE-WILLOW OPS.AD\01H1GALL.PLT" 31
   PLOTFILE 1 TRUCK1 1ST "ALICE-WILLOW OPS.AD\01H1G001.PLT" 32
   PLOTFILE 1 TRUCK2 1ST "ALICE-WILLOW OPS.AD\01H1G002.PLT" 33
   PLOTFILE 1 TRUCK3 1ST "ALICE-WILLOW OPS.AD\01H1G003.PLT" 34
   PLOTFILE 1 TRUCK4 1ST "ALICE-WILLOW OPS.AD\01H1G004.PLT" 35
   PLOTFILE 1 YTRK 1ST "ALICE-WILLOW OPS.AD\01H1G005.PLT" 36
   PLOTFILE 1 LIFT 1ST "ALICE-WILLOW OPS.AD\01H1G006.PLT" 37
   PLOTFILE 1 IDLE 1ST "ALICE-WILLOW OPS.AD\01H1G007.PLT" 38
   PLOTFILE PERIOD ALL "ALICE-WILLOW OPS.AD\PE00GALL.PLT" 39
   PLOTFILE PERIOD TRUCK1 "ALICE-WILLOW OPS.AD\PE00G001.PLT" 40
   PLOTFILE PERIOD TRUCK2 "ALICE-WILLOW OPS.AD\PE00G002.PLT" 41
   PLOTFILE PERIOD TRUCK3 "ALICE-WILLOW OPS.AD\PE00G003.PLT" 42
   PLOTFILE PERIOD TRUCK4 "ALICE-WILLOW OPS.AD\PE00G004.PLT" 43
   PLOTFILE PERIOD YTRK "ALICE-WILLOW OPS.AD\PE00G005.PLT" 44
   PLOTFILE PERIOD LIFT "ALICE-WILLOW OPS.AD\PE00G006.PLT" 45
   PLOTFILE PERIOD IDLE "ALICE-WILLOW OPS.AD\PE00G007.PLT" 46
   SUMMFILE "Alice-Willow Ops.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***
```

```
 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of            0 Informational Message(s)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186    2408       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    2408       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for  1007 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:   1007 Source(s);       8 Source Group(s); and     551 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   1007 VOLUME source(s)
```

```
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ;  Decay Coef. =    0.000     ;
 Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;  Emission Rate Unit
Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.2 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Alice-Willow Ops.err

 **File for Summary of Results:   Alice-Willow Ops.sum

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
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 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN
EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE
SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)
BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - -

 L0002805         0   0.40161E-02  463503.2 3769813.6   330.9     3.40     4.51     3.16     YES
```

L0002806	0	0.40161E-02	463512.9	3769813.3	330.7	3.40	4.51	3.16	YES
L0002807	0	0.40161E-02	463522.6	3769813.1	330.6	3.40	4.51	3.16	YES
L0002808	0	0.40161E-02	463532.2	3769812.8	330.4	3.40	4.51	3.16	YES
L0002809	0	0.40161E-02	463541.9	3769812.6	330.3	3.40	4.51	3.16	YES
L0002810	0	0.40161E-02	463551.6	3769812.4	330.2	3.40	4.51	3.16	YES
L0002811	0	0.40161E-02	463561.3	3769812.1	330.0	3.40	4.51	3.16	YES
L0002812	0	0.40161E-02	463571.0	3769811.9	329.9	3.40	4.51	3.16	YES
L0002813	0	0.40161E-02	463580.7	3769811.6	329.8	3.40	4.51	3.16	YES
L0002814	0	0.40161E-02	463590.4	3769811.4	329.6	3.40	4.51	3.16	YES
L0002815	0	0.40161E-02	463600.1	3769811.2	329.5	3.40	4.51	3.16	YES
L0002816	0	0.40161E-02	463609.8	3769810.9	329.4	3.40	4.51	3.16	YES
L0002817	0	0.40161E-02	463619.5	3769810.7	329.2	3.40	4.51	3.16	YES
L0002818	0	0.40161E-02	463629.2	3769810.4	329.1	3.40	4.51	3.16	YES
L0002819	0	0.40161E-02	463638.9	3769810.2	329.0	3.40	4.51	3.16	YES
L0002820	0	0.40161E-02	463648.6	3769810.0	328.8	3.40	4.51	3.16	YES
L0002821	0	0.40161E-02	463658.3	3769809.7	328.7	3.40	4.51	3.16	YES
L0002822	0	0.40161E-02	463668.0	3769809.5	328.6	3.40	4.51	3.16	YES
L0002823	0	0.40161E-02	463677.7	3769809.2	328.4	3.40	4.51	3.16	YES
L0002824	0	0.40161E-02	463687.4	3769808.6	328.3	3.40	4.51	3.16	YES
L0002825	0	0.40161E-02	463697.0	3769807.7	328.2	3.40	4.51	3.16	YES
L0002826	0	0.40161E-02	463706.7	3769806.8	328.0	3.40	4.51	3.16	YES
L0002827	0	0.40161E-02	463716.4	3769805.9	327.9	3.40	4.51	3.16	YES
L0002828	0	0.40161E-02	463726.0	3769805.0	327.8	3.40	4.51	3.16	YES
L0002829	0	0.40161E-02	463735.7	3769804.1	327.6	3.40	4.51	3.16	YES
L0002830	0	0.40161E-02	463745.3	3769803.2	327.5	3.40	4.51	3.16	YES
L0002831	0	0.40161E-02	463755.0	3769802.3	327.4	3.40	4.51	3.16	YES
L0002832	0	0.40161E-02	463764.6	3769801.4	327.2	3.40	4.51	3.16	YES
L0002833	0	0.40161E-02	463774.3	3769800.5	327.1	3.40	4.51	3.16	YES
L0002834	0	0.40161E-02	463784.0	3769799.7	327.0	3.40	4.51	3.16	YES
L0002835	0	0.40161E-02	463793.6	3769798.8	326.9	3.40	4.51	3.16	YES
L0002836	0	0.40161E-02	463803.3	3769797.9	326.7	3.40	4.51	3.16	YES

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 L0002837         0   0.40161E-02  463812.9 3769797.0   326.6     3.40     4.51     3.16     YES

 L0002838         0   0.40161E-02  463822.6 3769796.1   326.5     3.40     4.51     3.16     YES

 L0002839         0   0.40161E-02  463832.3 3769795.2   326.4     3.40     4.51     3.16     YES

 L0002840         0   0.40161E-02  463841.9 3769794.3   326.2     3.40     4.51     3.16     YES

 L0002841         0   0.40161E-02  463851.6 3769793.4   326.1     3.40     4.51     3.16     YES

 L0002842         0   0.40161E-02  463861.3 3769793.2   326.1     3.40     4.51     3.16     YES

 L0002843         0   0.40161E-02  463871.0 3769792.9   326.0     3.40     4.51     3.16     YES

 L0002844         0   0.40161E-02  463880.7 3769792.7   325.9     3.40     4.51     3.16     YES

↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN
EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE
SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)
BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - -

 L0002845         0   0.40161E-02  463890.4 3769792.4   325.9     3.40     4.51     3.16     YES

 L0002846         0   0.40161E-02  463900.1 3769792.2   325.8     3.40     4.51     3.16     YES

 L0002847         0   0.40161E-02  463909.8 3769792.0   325.8     3.40     4.51     3.16     YES

 L0002848         0   0.40161E-02  463919.5 3769791.7   325.7     3.40     4.51     3.16     YES

 L0002849         0   0.40161E-02  463929.2 3769791.5   325.7     3.40     4.51     3.16     YES

 L0002850         0   0.40161E-02  463938.9 3769791.2   325.7     3.40     4.51     3.16     YES

 L0002851         0   0.40161E-02  463948.6 3769791.0   325.7     3.40     4.51     3.16     YES

 L0002852         0   0.40161E-02  463958.2 3769790.8   325.7     3.40     4.51     3.16     YES

 L0002853         0   0.40161E-02  463967.9 3769790.5   325.7     3.40     4.51     3.16     YES

 L0002854         0   0.40161E-02  463977.6 3769790.3   325.6     3.40     4.51     3.16     YES

 L0002855         0   0.40161E-02  463987.3 3769790.0   325.6     3.40     4.51     3.16     YES

 L0002856         0   0.40161E-02  463997.0 3769789.8   325.6     3.40     4.51     3.16     YES
```

L0002857	0	0.40161E-02	464006.7	3769789.5	325.6	3.40	4.51	3.16	YES
L0002858	0	0.40161E-02	464016.4	3769789.3	325.6	3.40	4.51	3.16	YES
L0002859	0	0.40161E-02	464026.1	3769789.1	325.6	3.40	4.51	3.16	YES
L0002860	0	0.40161E-02	464035.8	3769788.8	325.6	3.40	4.51	3.16	YES
L0002861	0	0.40161E-02	464045.5	3769788.7	325.6	3.40	4.51	3.16	YES
L0002862	0	0.40161E-02	464055.2	3769788.5	325.6	3.40	4.51	3.16	YES
L0002863	0	0.40161E-02	464064.9	3769788.3	325.5	3.40	4.51	3.16	YES
L0002864	0	0.40161E-02	464074.6	3769788.2	325.5	3.40	4.51	3.16	YES
L0002865	0	0.40161E-02	464084.3	3769788.0	325.5	3.40	4.51	3.16	YES
L0002866	0	0.40161E-02	464094.0	3769787.8	325.5	3.40	4.51	3.16	YES
L0002867	0	0.40161E-02	464103.7	3769787.6	325.5	3.40	4.51	3.16	YES
L0002868	0	0.40161E-02	464113.4	3769787.5	325.4	3.40	4.51	3.16	YES
L0002869	0	0.40161E-02	464123.1	3769787.3	325.4	3.40	4.51	3.16	YES
L0002870	0	0.40161E-02	464132.8	3769787.1	325.4	3.40	4.51	3.16	YES
L0002871	0	0.40161E-02	464142.5	3769787.0	325.4	3.40	4.51	3.16	YES
L0002872	0	0.40161E-02	464152.2	3769786.8	325.4	3.40	4.51	3.16	YES
L0002873	0	0.40161E-02	464161.9	3769786.6	325.3	3.40	4.51	3.16	YES
L0002874	0	0.40161E-02	464171.6	3769786.4	325.3	3.40	4.51	3.16	YES
L0002875	0	0.40161E-02	464181.3	3769786.3	325.3	3.40	4.51	3.16	YES
L0002876	0	0.40161E-02	464191.0	3769786.1	325.3	3.40	4.51	3.16	YES
L0002877	0	0.40161E-02	464200.7	3769785.9	325.2	3.40	4.51	3.16	YES
L0002878	0	0.40161E-02	464210.4	3769785.8	325.2	3.40	4.51	3.16	YES
L0002879	0	0.40161E-02	464220.1	3769785.6	325.2	3.40	4.51	3.16	YES
L0002880	0	0.40161E-02	464229.8	3769785.4	325.2	3.40	4.51	3.16	YES
L0002881	0	0.40161E-02	464239.5	3769785.2	325.2	3.40	4.51	3.16	YES
L0002882	0	0.40161E-02	464249.2	3769785.1	325.2	3.40	4.51	3.16	YES
L0002883	0	0.40161E-02	464258.9	3769784.9	325.1	3.40	4.51	3.16	YES
L0002884	0	0.40161E-02	464268.6	3769784.7	325.1	3.40	4.51	3.16	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0002885	0	0.40161E-02	464278.3	3769784.6	325.1	3.40	4.51	3.16	YES	
L0002886	0	0.40161E-02	464288.0	3769784.4	325.1	3.40	4.51	3.16	YES	
L0002887	0	0.40161E-02	464297.7	3769784.2	325.1	3.40	4.51	3.16	YES	
L0002888	0	0.40161E-02	464307.4	3769784.0	325.1	3.40	4.51	3.16	YES	
L0002889	0	0.40161E-02	464317.1	3769783.9	325.1	3.40	4.51	3.16	YES	
L0002890	0	0.40161E-02	464326.8	3769783.7	325.0	3.40	4.51	3.16	YES	
L0002891	0	0.40161E-02	464336.5	3769783.5	325.0	3.40	4.51	3.16	YES	
L0002892	0	0.40161E-02	464346.2	3769783.4	325.0	3.40	4.51	3.16	YES	
L0002893	0	0.40161E-02	464355.9	3769783.2	325.0	3.40	4.51	3.16	YES	
L0002894	0	0.40161E-02	464365.6	3769783.0	325.0	3.40	4.51	3.16	YES	
L0002895	0	0.40161E-02	464375.3	3769782.9	325.0	3.40	4.51	3.16	YES	
L0002896	0	0.40161E-02	464385.0	3769782.7	325.0	3.40	4.51	3.16	YES	
L0002897	0	0.40161E-02	464394.7	3769782.5	325.0	3.40	4.51	3.16	YES	
L0002898	0	0.40161E-02	464404.4	3769782.3	325.0	3.40	4.51	3.16	YES	
L0002899	0	0.40161E-02	464414.1	3769782.2	325.0	3.40	4.51	3.16	YES	
L0002900	0	0.40161E-02	464423.8	3769782.5	325.0	3.40	4.51	3.16	YES	
L0002901	0	0.40161E-02	464433.5	3769782.8	324.9	3.40	4.51	3.16	YES	
L0002902	0	0.40161E-02	464443.1	3769783.1	324.9	3.40	4.51	3.16	YES	
L0002903	0	0.40161E-02	464452.8	3769783.5	324.9	3.40	4.51	3.16	YES	
L0002904	0	0.40161E-02	464462.5	3769783.8	324.9	3.40	4.51	3.16	YES	
L0002905	0	0.40161E-02	464472.2	3769784.1	324.9	3.40	4.51	3.16	YES	
L0002906	0	0.40161E-02	464481.9	3769784.5	324.9	3.40	4.51	3.16	YES	
L0002907	0	0.40161E-02	464491.6	3769784.8	324.9	3.40	4.51	3.16	YES	

L0002908	0	0.40161E-02	464501.3	3769785.2	324.9	3.40	4.51	3.16	YES
L0002909	0	0.40161E-02	464511.0	3769785.5	324.9	3.40	4.51	3.16	YES
L0002910	0	0.40161E-02	464520.7	3769785.8	324.8	3.40	4.51	3.16	YES
L0002911	0	0.40161E-02	464530.4	3769786.2	324.8	3.40	4.51	3.16	YES
L0002912	0	0.40161E-02	464540.1	3769786.5	324.8	3.40	4.51	3.16	YES
L0002913	0	0.40161E-02	464549.8	3769786.8	324.8	3.40	4.51	3.16	YES
L0002914	0	0.40161E-02	464559.5	3769787.2	324.8	3.40	4.51	3.16	YES
L0002915	0	0.40161E-02	464569.2	3769787.5	324.8	3.40	4.51	3.16	YES
L0002916	0	0.40161E-02	464578.9	3769787.8	324.8	3.40	4.51	3.16	YES
L0002917	0	0.40161E-02	464588.6	3769788.2	324.8	3.40	4.51	3.16	YES
L0002918	0	0.40161E-02	464598.3	3769788.5	324.8	3.40	4.51	3.16	YES
L0002919	0	0.40161E-02	464608.0	3769788.8	324.8	3.40	4.51	3.16	YES
L0002920	0	0.40161E-02	464617.6	3769789.2	324.8	3.40	4.51	3.16	YES
L0002921	0	0.40161E-02	464627.3	3769789.5	324.8	3.40	4.51	3.16	YES
L0002922	0	0.40161E-02	464637.0	3769789.8	324.8	3.40	4.51	3.16	YES
L0002923	0	0.40161E-02	464646.7	3769790.2	324.8	3.40	4.51	3.16	YES
L0002924	0	0.40161E-02	464656.4	3769790.5	324.8	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0002925	0	0.40161E-02	464666.1	3769790.8	324.8	3.40	4.51	3.16	YES	
L0002926	0	0.40161E-02	464675.8	3769791.2	324.8	3.40	4.51	3.16	YES	
L0002927	0	0.40161E-02	464685.5	3769791.5	324.8	3.40	4.51	3.16	YES	
L0002928	0	0.40161E-02	464695.2	3769791.8	324.8	3.40	4.51	3.16	YES	

L0002929	0	0.40161E-02	464704.9	3769792.2	324.8	3.40	4.51	3.16	YES
L0002930	0	0.40161E-02	464714.6	3769792.5	324.8	3.40	4.51	3.16	YES
L0002931	0	0.40161E-02	464724.3	3769792.8	324.8	3.40	4.51	3.16	YES
L0002932	0	0.40161E-02	464734.0	3769793.2	324.8	3.40	4.51	3.16	YES
L0002933	0	0.40161E-02	464743.7	3769793.4	324.8	3.40	4.51	3.16	YES
L0002934	0	0.40161E-02	464753.4	3769793.5	324.8	3.40	4.51	3.16	YES
L0002935	0	0.40161E-02	464763.1	3769793.7	324.7	3.40	4.51	3.16	YES
L0002936	0	0.40161E-02	464772.8	3769793.8	324.7	3.40	4.51	3.16	YES
L0002937	0	0.40161E-02	464782.5	3769793.9	324.7	3.40	4.51	3.16	YES
L0002938	0	0.40161E-02	464792.2	3769794.0	324.7	3.40	4.51	3.16	YES
L0002939	0	0.40161E-02	464801.9	3769794.1	324.7	3.40	4.51	3.16	YES
L0002940	0	0.40161E-02	464811.6	3769794.2	324.7	3.40	4.51	3.16	YES
L0002941	0	0.40161E-02	464821.3	3769794.3	324.7	3.40	4.51	3.16	YES
L0002942	0	0.40161E-02	464831.0	3769794.4	324.7	3.40	4.51	3.16	YES
L0002943	0	0.40161E-02	464840.7	3769794.5	324.7	3.40	4.51	3.16	YES
L0002944	0	0.40161E-02	464850.4	3769794.6	324.7	3.40	4.51	3.16	YES
L0002945	0	0.40161E-02	464860.1	3769794.7	324.7	3.40	4.51	3.16	YES
L0002946	0	0.40161E-02	464869.8	3769794.8	324.7	3.40	4.51	3.16	YES
L0002947	0	0.40161E-02	464879.5	3769794.9	324.7	3.40	4.51	3.16	YES
L0002948	0	0.40161E-02	464889.2	3769795.0	324.7	3.40	4.51	3.16	YES
L0002949	0	0.40161E-02	464898.9	3769795.1	324.6	3.40	4.51	3.16	YES
L0002950	0	0.40161E-02	464908.6	3769795.2	324.6	3.40	4.51	3.16	YES
L0002951	0	0.40161E-02	464918.3	3769795.3	324.6	3.40	4.51	3.16	YES
L0002952	0	0.40161E-02	464928.0	3769795.4	324.6	3.40	4.51	3.16	YES
L0002953	0	0.40161E-02	464937.7	3769795.5	324.6	3.40	4.51	3.16	YES
L0002954	0	0.40161E-02	464947.4	3769795.6	324.6	3.40	4.51	3.16	YES
L0002955	0	0.40161E-02	464957.1	3769795.7	324.5	3.40	4.51	3.16	YES
L0002956	0	0.40161E-02	464966.8	3769795.8	324.5	3.40	4.51	3.16	YES
L0002957	0	0.40161E-02	464976.5	3769795.9	324.5	3.40	4.51	3.16	YES
L0002958	0	0.40161E-02	464986.2	3769796.0	324.4	3.40	4.51	3.16	YES

L0002959	0	0.40161E-02	464995.9	3769796.1	324.4	3.40	4.51	3.16	YES
L0002960	0	0.40161E-02	465005.6	3769796.2	324.4	3.40	4.51	3.16	YES
L0002961	0	0.40161E-02	465015.3	3769796.3	324.4	3.40	4.51	3.16	YES
L0002962	0	0.40161E-02	465025.0	3769796.5	324.4	3.40	4.51	3.16	YES
L0002963	0	0.40161E-02	465034.7	3769796.6	324.4	3.40	4.51	3.16	YES
L0002964	0	0.40161E-02	465044.4	3769796.7	324.3	3.40	4.51	3.16	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0002965	0	0.40161E-02	465054.1	3769796.8	324.3	3.40	4.51	3.16	YES	
L0002966	0	0.40161E-02	465063.8	3769796.9	324.3	3.40	4.51	3.16	YES	
L0002967	0	0.40161E-02	465073.5	3769797.0	324.3	3.40	4.51	3.16	YES	
L0002968	0	0.40161E-02	465083.2	3769797.1	324.3	3.40	4.51	3.16	YES	
L0002969	0	0.40161E-02	465092.9	3769797.2	324.2	3.40	4.51	3.16	YES	
L0002970	0	0.40161E-02	465102.5	3769797.3	324.2	3.40	4.51	3.16	YES	
L0002971	0	0.40161E-02	465112.2	3769797.4	324.2	3.40	4.51	3.16	YES	
L0002972	0	0.40161E-02	465121.9	3769797.5	324.2	3.40	4.51	3.16	YES	
L0002973	0	0.40161E-02	465131.6	3769797.6	324.2	3.40	4.51	3.16	YES	
L0002974	0	0.40161E-02	465141.3	3769797.7	324.2	3.40	4.51	3.16	YES	
L0002975	0	0.40161E-02	465151.0	3769797.8	324.2	3.40	4.51	3.16	YES	
L0002976	0	0.40161E-02	465160.7	3769797.9	324.1	3.40	4.51	3.16	YES	
L0002977	0	0.40161E-02	465170.4	3769797.9	324.1	3.40	4.51	3.16	YES	
L0002978	0	0.40161E-02	465180.1	3769798.0	324.1	3.40	4.51	3.16	YES	
L0002979	0	0.40161E-02	465189.8	3769798.0	324.1	3.40	4.51	3.16	YES	

L0002980	0	0.40161E-02	465199.5	3769798.0	324.1	3.40	4.51	3.16	YES
L0002981	0	0.40161E-02	465209.2	3769798.0	324.0	3.40	4.51	3.16	YES
L0002982	0	0.40161E-02	465218.9	3769798.0	324.0	3.40	4.51	3.16	YES
L0002983	0	0.40161E-02	465228.6	3769798.1	324.0	3.40	4.51	3.16	YES
L0002984	0	0.40161E-02	465238.3	3769798.1	323.9	3.40	4.51	3.16	YES
L0002985	0	0.40161E-02	465248.0	3769798.1	323.9	3.40	4.51	3.16	YES
L0002986	0	0.40161E-02	465257.7	3769798.1	323.9	3.40	4.51	3.16	YES
L0002987	0	0.40161E-02	465267.4	3769798.1	323.9	3.40	4.51	3.16	YES
L0002988	0	0.40161E-02	465277.1	3769798.2	323.8	3.40	4.51	3.16	YES
L0002989	0	0.40161E-02	465286.8	3769798.2	323.8	3.40	4.51	3.16	YES
L0002990	0	0.40161E-02	465296.5	3769798.2	323.8	3.40	4.51	3.16	YES
L0002991	0	0.40161E-02	465306.2	3769798.2	323.7	3.40	4.51	3.16	YES
L0002992	0	0.40161E-02	465315.9	3769798.3	323.7	3.40	4.51	3.16	YES
L0002993	0	0.40161E-02	465325.6	3769798.3	323.6	3.40	4.51	3.16	YES
L0002994	0	0.40161E-02	465335.3	3769798.3	323.6	3.40	4.51	3.16	YES
L0002995	0	0.40161E-02	465345.0	3769798.3	323.5	3.40	4.51	3.16	YES
L0002996	0	0.40161E-02	465354.7	3769798.3	323.5	3.40	4.51	3.16	YES
L0002997	0	0.40161E-02	465364.4	3769798.4	323.4	3.40	4.51	3.16	YES
L0002998	0	0.40161E-02	465374.1	3769798.4	323.4	3.40	4.51	3.16	YES
L0002999	0	0.40161E-02	465383.8	3769798.4	323.3	3.40	4.51	3.16	YES
L0003000	0	0.40161E-02	465393.5	3769798.4	323.2	3.40	4.51	3.16	YES
L0003001	0	0.40161E-02	465403.2	3769798.4	323.2	3.40	4.51	3.16	YES
L0003002	0	0.40161E-02	465412.9	3769798.5	323.1	3.40	4.51	3.16	YES
L0003003	0	0.40161E-02	465422.6	3769798.5	323.0	3.40	4.51	3.16	YES
L0003004	0	0.40161E-02	465432.3	3769798.5	323.0	3.40	4.51	3.16	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003005	0	0.40161E-02	465442.0	3769798.5	322.9	3.40	4.51	3.16	YES	
L0003006	0	0.40161E-02	465451.7	3769798.6	322.8	3.40	4.51	3.16	YES	
L0003007	0	0.40161E-02	465461.4	3769798.6	322.7	3.40	4.51	3.16	YES	
L0003008	0	0.40161E-02	465471.1	3769798.6	322.6	3.40	4.51	3.16	YES	
L0003009	0	0.40161E-02	465480.8	3769798.6	322.5	3.40	4.51	3.16	YES	
L0003010	0	0.40161E-02	465490.5	3769798.6	322.5	3.40	4.51	3.16	YES	
L0003011	0	0.40161E-02	465500.2	3769798.7	322.4	3.40	4.51	3.16	YES	
L0003012	0	0.40161E-02	465509.9	3769798.7	322.4	3.40	4.51	3.16	YES	
L0003013	0	0.40161E-02	465519.6	3769798.9	322.3	3.40	4.51	3.16	YES	
L0003014	0	0.40161E-02	465529.3	3769799.2	322.2	3.40	4.51	3.16	YES	
L0003015	0	0.40161E-02	465539.0	3769799.5	322.2	3.40	4.51	3.16	YES	
L0003016	0	0.40161E-02	465548.7	3769799.8	322.1	3.40	4.51	3.16	YES	
L0003017	0	0.40161E-02	465558.4	3769800.1	322.1	3.40	4.51	3.16	YES	
L0003018	0	0.40161E-02	465568.1	3769800.3	322.1	3.40	4.51	3.16	YES	
L0003019	0	0.40161E-02	465577.8	3769800.6	322.0	3.40	4.51	3.16	YES	
L0003020	0	0.40161E-02	465587.5	3769800.9	322.0	3.40	4.51	3.16	YES	
L0003021	0	0.40161E-02	465597.2	3769801.2	322.0	3.40	4.51	3.16	YES	
L0003022	0	0.40161E-02	465606.9	3769801.5	322.0	3.40	4.51	3.16	YES	
L0003023	0	0.40161E-02	465616.6	3769801.8	322.0	3.40	4.51	3.16	YES	
L0003024	0	0.40161E-02	465626.3	3769802.1	322.0	3.40	4.51	3.16	YES	
L0003025	0	0.40161E-02	465636.0	3769802.4	322.1	3.40	4.51	3.16	YES	
L0003026	0	0.40161E-02	465645.7	3769802.7	322.1	3.40	4.51	3.16	YES	
L0003027	0	0.40161E-02	465655.4	3769803.0	322.3	3.40	4.51	3.16	YES	
L0003028	0	0.40161E-02	465665.1	3769803.5	322.4	3.40	4.51	3.16	YES	
L0003029	0	0.40161E-02	465674.8	3769804.0	322.6	3.40	4.51	3.16	YES	
L0003030	0	0.40161E-02	465684.4	3769804.5	322.8	3.40	4.51	3.16	YES	

L0003031	0	0.40161E-02	465694.1	3769805.0	323.0	3.40	4.51	3.16	YES
L0003032	0	0.40161E-02	465703.8	3769805.5	323.3	3.40	4.51	3.16	YES
L0003033	0	0.40161E-02	465713.5	3769806.0	323.6	3.40	4.51	3.16	YES
L0003034	0	0.40161E-02	465723.2	3769806.5	323.9	3.40	4.51	3.16	YES
L0003035	0	0.40161E-02	465732.9	3769807.0	324.2	3.40	4.51	3.16	YES
L0003036	0	0.40161E-02	465742.6	3769807.5	324.5	3.40	4.51	3.16	YES
L0003037	0	0.40161E-02	465752.3	3769808.0	324.9	3.40	4.51	3.16	YES
L0003038	0	0.40161E-02	465761.9	3769808.5	325.2	3.40	4.51	3.16	YES
L0003039	0	0.40161E-02	465771.6	3769809.0	325.6	3.40	4.51	3.16	YES
L0003040	0	0.40161E-02	465781.3	3769809.5	325.9	3.40	4.51	3.16	YES
L0003041	0	0.40161E-02	465791.0	3769810.0	326.3	3.40	4.51	3.16	YES
L0003042	0	0.40161E-02	465800.7	3769810.5	326.5	3.40	4.51	3.16	YES
L0003043	0	0.40161E-02	465810.4	3769811.0	326.7	3.40	4.51	3.16	YES
L0003044	0	0.40161E-02	465820.1	3769811.5	326.8	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003045	0	0.40161E-02	465821.5	3769819.7	325.6	3.40	4.51	3.16	YES	
L0003046	0	0.40161E-02	465821.3	3769829.4	324.1	3.40	4.51	3.16	YES	
L0003047	0	0.40161E-02	465821.1	3769839.1	322.5	3.40	4.51	3.16	YES	
L0003048	0	0.40161E-02	465820.9	3769848.8	323.0	3.40	4.51	3.16	YES	
L0003049	0	0.40161E-02	465820.8	3769858.5	323.9	3.40	4.51	3.16	YES	
L0003050	0	0.40161E-02	465820.6	3769868.2	324.7	3.40	4.51	3.16	YES	

L0003051	0	0.40161E-02	465820.4	3769877.9	325.6	3.40	4.51	3.16	YES
L0003052	0	0.40161E-02	465820.2	3769887.6	326.3	3.40	4.51	3.16	YES
L0003053	0	0.40161E-02	465820.0	3769897.3	327.1	3.40	4.51	3.16	YES
L0000001	0	0.31546E-02	465542.2	3769909.6	321.8	3.40	4.51	3.16	YES
L0000002	0	0.31546E-02	465532.5	3769909.4	321.8	3.40	4.51	3.16	YES
L0000003	0	0.31546E-02	465522.8	3769909.2	321.8	3.40	4.51	3.16	YES
L0000004	0	0.31546E-02	465513.1	3769908.9	321.8	3.40	4.51	3.16	YES
L0000005	0	0.31546E-02	465503.4	3769908.7	321.8	3.40	4.51	3.16	YES
L0000006	0	0.31546E-02	465493.7	3769908.5	321.8	3.40	4.51	3.16	YES
L0000007	0	0.31546E-02	465484.0	3769908.3	321.8	3.40	4.51	3.16	YES
L0000008	0	0.31546E-02	465474.3	3769908.1	321.9	3.40	4.51	3.16	YES
L0000009	0	0.31546E-02	465464.6	3769907.9	321.9	3.40	4.51	3.16	YES
L0000010	0	0.31546E-02	465454.9	3769907.7	322.0	3.40	4.51	3.16	YES
L0000011	0	0.31546E-02	465445.3	3769907.5	322.2	3.40	4.51	3.16	YES
L0000012	0	0.31546E-02	465435.6	3769907.2	322.3	3.40	4.51	3.16	YES
L0000013	0	0.31546E-02	465430.8	3769912.1	322.5	3.40	4.51	3.16	YES
L0000014	0	0.31546E-02	465430.9	3769921.8	322.6	3.40	4.51	3.16	YES
L0000015	0	0.31546E-02	465430.9	3769931.5	322.7	3.40	4.51	3.16	YES
L0000016	0	0.31546E-02	465431.0	3769941.2	322.8	3.40	4.51	3.16	YES
L0000017	0	0.31546E-02	465431.1	3769950.9	322.9	3.40	4.51	3.16	YES
L0000018	0	0.31546E-02	465431.1	3769960.6	323.0	3.40	4.51	3.16	YES
L0000019	0	0.31546E-02	465431.2	3769970.3	323.2	3.40	4.51	3.16	YES
L0000020	0	0.31546E-02	465431.3	3769980.0	323.4	3.40	4.51	3.16	YES
L0000021	0	0.31546E-02	465431.3	3769989.7	323.6	3.40	4.51	3.16	YES
L0000022	0	0.31546E-02	465431.4	3769999.4	323.8	3.40	4.51	3.16	YES
L0000023	0	0.31546E-02	465431.5	3770009.1	324.1	3.40	4.51	3.16	YES
L0000024	0	0.31546E-02	465431.5	3770018.8	324.4	3.40	4.51	3.16	YES
L0000025	0	0.31546E-02	465431.6	3770028.5	324.6	3.40	4.51	3.16	YES
L0000026	0	0.31546E-02	465437.0	3770032.8	324.5	3.40	4.51	3.16	YES
L0000027	0	0.31546E-02	465446.7	3770032.7	324.4	3.40	4.51	3.16	YES
L0000028	0	0.31546E-02	465456.4	3770032.7	324.2	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000032	0	0.31546E-02	465495.2	3770032.6	324.0	3.40	4.51	3.16	YES	
L0000033	0	0.31546E-02	465504.9	3770032.6	323.9	3.40	4.51	3.16	YES	
L0000034	0	0.31546E-02	465514.6	3770032.6	323.9	3.40	4.51	3.16	YES	
L0000035	0	0.31546E-02	465524.3	3770032.6	323.8	3.40	4.51	3.16	YES	
L0000036	0	0.31546E-02	465534.0	3770032.6	323.7	3.40	4.51	3.16	YES	
L0000037	0	0.31546E-02	465543.7	3770032.5	323.7	3.40	4.51	3.16	YES	
L0000038	0	0.31546E-02	465553.4	3770032.5	323.7	3.40	4.51	3.16	YES	
L0000039	0	0.31546E-02	465563.1	3770032.5	323.7	3.40	4.51	3.16	YES	
L0000040	0	0.31546E-02	465572.8	3770032.5	323.6	3.40	4.51	3.16	YES	
L0000041	0	0.31546E-02	465582.5	3770032.4	323.6	3.40	4.51	3.16	YES	
L0000042	0	0.31546E-02	465592.2	3770032.4	323.6	3.40	4.51	3.16	YES	
L0000043	0	0.31546E-02	465601.9	3770032.4	323.5	3.40	4.51	3.16	YES	
L0000044	0	0.31546E-02	465611.6	3770032.4	323.5	3.40	4.51	3.16	YES	
L0000045	0	0.31546E-02	465621.3	3770032.4	323.4	3.40	4.51	3.16	YES	
L0000046	0	0.31546E-02	465631.0	3770032.3	323.2	3.40	4.51	3.16	YES	
L0000047	0	0.31546E-02	465640.7	3770032.3	323.1	3.40	4.51	3.16	YES	
L0000048	0	0.31546E-02	465650.4	3770032.3	323.2	3.40	4.51	3.16	YES	

L0000049	0	0.31546E-02	465660.1	3770032.3	323.2	3.40	4.51	3.16	YES
L0000050	0	0.31546E-02	465669.8	3770032.3	323.3	3.40	4.51	3.16	YES
L0000051	0	0.31546E-02	465679.5	3770032.2	323.4	3.40	4.51	3.16	YES
L0000052	0	0.31546E-02	465689.2	3770032.2	323.4	3.40	4.51	3.16	YES
L0000053	0	0.31546E-02	465698.9	3770032.2	323.4	3.40	4.51	3.16	YES
L0000054	0	0.31546E-02	465708.6	3770032.2	323.4	3.40	4.51	3.16	YES
L0000055	0	0.31546E-02	465718.3	3770032.2	323.4	3.40	4.51	3.16	YES
L0000056	0	0.31546E-02	465728.0	3770032.1	323.5	3.40	4.51	3.16	YES
L0000057	0	0.31546E-02	465737.7	3770032.1	323.5	3.40	4.51	3.16	YES
L0000058	0	0.31546E-02	465747.4	3770032.1	323.7	3.40	4.51	3.16	YES
L0000059	0	0.31546E-02	465757.1	3770032.1	323.9	3.40	4.51	3.16	YES
L0000060	0	0.31546E-02	465766.8	3770032.0	324.1	3.40	4.51	3.16	YES
L0000061	0	0.31546E-02	465776.5	3770032.0	324.3	3.40	4.51	3.16	YES
L0000062	0	0.31546E-02	465786.2	3770032.0	324.5	3.40	4.51	3.16	YES
L0000063	0	0.31546E-02	465795.9	3770032.0	324.6	3.40	4.51	3.16	YES
L0000064	0	0.31546E-02	465805.6	3770032.0	324.8	3.40	4.51	3.16	YES
L0000065	0	0.31546E-02	465815.3	3770031.9	324.9	3.40	4.51	3.16	YES
L0000066	0	0.31546E-02	465819.6	3770026.5	324.9	3.40	4.51	3.16	YES
L0000067	0	0.31546E-02	465819.6	3770016.8	324.9	3.40	4.51	3.16	YES
L0000068	0	0.31546E-02	465819.6	3770007.1	324.9	3.40	4.51	3.16	YES
L0000069	0	0.31546E-02	465819.6	3769997.4	325.0	3.40	4.51	3.16	YES
L0000070	0	0.31546E-02	465819.6	3769987.7	325.0	3.40	4.51	3.16	YES
L0000071	0	0.31546E-02	465819.6	3769978.0	325.1	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY

ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000072	0	0.31546E-02	465819.6	3769968.3	325.2	3.40	4.51	3.16	YES
L0000073	0	0.31546E-02	465819.6	3769958.6	325.3	3.40	4.51	3.16	YES
L0000074	0	0.31546E-02	465819.6	3769948.9	325.4	3.40	4.51	3.16	YES
L0000075	0	0.31546E-02	465819.6	3769939.2	325.6	3.40	4.51	3.16	YES
L0000076	0	0.31546E-02	465819.6	3769929.5	325.9	3.40	4.51	3.16	YES
L0000077	0	0.31546E-02	465819.6	3769919.8	326.4	3.40	4.51	3.16	YES
L0000078	0	0.31546E-02	465819.6	3769910.1	327.0	3.40	4.51	3.16	YES
L0000079	0	0.31546E-02	465810.5	3769907.8	326.4	3.40	4.51	3.16	YES
L0000080	0	0.31546E-02	465801.0	3769905.9	325.7	3.40	4.51	3.16	YES
L0000081	0	0.31546E-02	465791.5	3769903.9	325.2	3.40	4.51	3.16	YES
L0000082	0	0.31546E-02	465782.0	3769902.0	324.8	3.40	4.51	3.16	YES
L0000083	0	0.31546E-02	465772.5	3769900.0	324.3	3.40	4.51	3.16	YES
L0000084	0	0.31546E-02	465763.0	3769898.1	323.8	3.40	4.51	3.16	YES
L0000085	0	0.31546E-02	465753.5	3769896.2	323.4	3.40	4.51	3.16	YES
L0000086	0	0.31546E-02	465743.9	3769894.2	323.1	3.40	4.51	3.16	YES
L0000087	0	0.31546E-02	465734.4	3769892.3	322.8	3.40	4.51	3.16	YES
L0000088	0	0.31546E-02	465724.9	3769890.3	322.5	3.40	4.51	3.16	YES
L0000089	0	0.31546E-02	465715.4	3769888.4	322.3	3.40	4.51	3.16	YES
L0000090	0	0.31546E-02	465705.9	3769886.4	322.1	3.40	4.51	3.16	YES
L0000091	0	0.31546E-02	465696.4	3769884.5	321.8	3.40	4.51	3.16	YES
L0000092	0	0.31546E-02	465686.9	3769882.5	321.7	3.40	4.51	3.16	YES
L0000093	0	0.31546E-02	465677.4	3769880.6	321.6	3.40	4.51	3.16	YES
L0000094	0	0.31546E-02	465667.9	3769878.6	321.6	3.40	4.51	3.16	YES
L0000095	0	0.31546E-02	465658.5	3769876.5	321.6	3.40	4.51	3.16	YES
L0000096	0	0.31546E-02	465649.0	3769874.4	321.7	3.40	4.51	3.16	YES
L0000097	0	0.31546E-02	465639.5	3769872.4	321.7	3.40	4.51	3.16	YES
L0000098	0	0.31546E-02	465630.0	3769870.3	321.6	3.40	4.51	3.16	YES
L0000099	0	0.31546E-02	465620.6	3769868.2	321.4	3.40	4.51	3.16	YES

L0000100	0	0.31546E-02	465611.1	3769866.1	321.3	3.40	4.51	3.16	YES
L0000101	0	0.31546E-02	465601.6	3769864.1	321.3	3.40	4.51	3.16	YES
L0000102	0	0.31546E-02	465592.0	3769862.8	321.2	3.40	4.51	3.16	YES
L0000103	0	0.31546E-02	465582.4	3769861.6	321.3	3.40	4.51	3.16	YES
L0000104	0	0.31546E-02	465572.7	3769860.5	321.4	3.40	4.51	3.16	YES
L0000105	0	0.31546E-02	465563.1	3769859.3	321.4	3.40	4.51	3.16	YES
L0000106	0	0.31546E-02	465553.5	3769858.2	321.5	3.40	4.51	3.16	YES
L0000107	0	0.31546E-02	465543.8	3769857.0	321.5	3.40	4.51	3.16	YES
L0000108	0	0.31546E-02	465534.2	3769855.8	321.6	3.40	4.51	3.16	YES
L0000109	0	0.31546E-02	465524.6	3769854.7	321.6	3.40	4.51	3.16	YES
L0000110	0	0.31546E-02	465515.0	3769853.5	321.6	3.40	4.51	3.16	YES
L0000111	0	0.31546E-02	465505.3	3769852.3	321.6	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000112	0	0.31546E-02	465495.7	3769851.2	321.7	3.40	4.51	3.16	YES	
L0000113	0	0.31546E-02	465486.1	3769850.0	321.7	3.40	4.51	3.16	YES	
L0000114	0	0.31546E-02	465476.4	3769848.9	321.7	3.40	4.51	3.16	YES	
L0000115	0	0.31546E-02	465466.8	3769848.1	321.8	3.40	4.51	3.16	YES	
L0000116	0	0.31546E-02	465457.1	3769847.6	321.9	3.40	4.51	3.16	YES	
L0000117	0	0.31546E-02	465447.4	3769847.0	321.9	3.40	4.51	3.16	YES	
L0000118	0	0.31546E-02	465437.7	3769846.4	322.0	3.40	4.51	3.16	YES	
L0000119	0	0.31546E-02	465428.0	3769845.9	322.2	3.40	4.51	3.16	YES	
L0000120	0	0.31546E-02	465418.3	3769845.3	322.4	3.40	4.51	3.16	YES	

L0000121	0	0.31546E-02	465408.7	3769844.7	322.7	3.40	4.51	3.16	YES
L0000122	0	0.31546E-02	465399.0	3769844.2	323.0	3.40	4.51	3.16	YES
L0000123	0	0.31546E-02	465389.3	3769843.6	323.2	3.40	4.51	3.16	YES
L0000124	0	0.31546E-02	465379.6	3769843.0	323.5	3.40	4.51	3.16	YES
L0000125	0	0.31546E-02	465369.9	3769842.5	323.7	3.40	4.51	3.16	YES
L0000126	0	0.31546E-02	465360.2	3769841.9	323.9	3.40	4.51	3.16	YES
L0000127	0	0.31546E-02	465350.6	3769841.3	324.0	3.40	4.51	3.16	YES
L0000128	0	0.31546E-02	465340.9	3769840.8	324.2	3.40	4.51	3.16	YES
L0000129	0	0.31546E-02	465331.2	3769840.2	324.3	3.40	4.51	3.16	YES
L0000130	0	0.31546E-02	465321.5	3769839.6	324.3	3.40	4.51	3.16	YES
L0000131	0	0.31546E-02	465311.8	3769839.1	324.4	3.40	4.51	3.16	YES
L0000132	0	0.31546E-02	465302.1	3769838.5	324.4	3.40	4.51	3.16	YES
L0000133	0	0.31546E-02	465292.5	3769838.2	324.5	3.40	4.51	3.16	YES
L0000134	0	0.31546E-02	465282.8	3769837.9	324.5	3.40	4.51	3.16	YES
L0000135	0	0.31546E-02	465273.1	3769837.7	324.5	3.40	4.51	3.16	YES
L0000136	0	0.31546E-02	465263.4	3769837.4	324.6	3.40	4.51	3.16	YES
L0000137	0	0.31546E-02	465253.7	3769837.2	324.6	3.40	4.51	3.16	YES
L0000138	0	0.31546E-02	465244.0	3769836.9	324.6	3.40	4.51	3.16	YES
L0000139	0	0.31546E-02	465234.3	3769836.7	324.6	3.40	4.51	3.16	YES
L0000140	0	0.31546E-02	465224.6	3769836.4	324.6	3.40	4.51	3.16	YES
L0000141	0	0.31546E-02	465214.9	3769836.2	324.6	3.40	4.51	3.16	YES
L0000142	0	0.31546E-02	465205.2	3769835.9	324.6	3.40	4.51	3.16	YES
L0000143	0	0.31546E-02	465195.5	3769835.7	324.6	3.40	4.51	3.16	YES
L0000144	0	0.31546E-02	465185.8	3769835.5	324.6	3.40	4.51	3.16	YES
L0000145	0	0.31546E-02	465176.1	3769835.2	324.6	3.40	4.51	3.16	YES
L0000146	0	0.31546E-02	465166.4	3769835.0	324.7	3.40	4.51	3.16	YES
L0000147	0	0.31546E-02	465156.7	3769834.7	324.7	3.40	4.51	3.16	YES
L0000148	0	0.31546E-02	465147.0	3769834.4	324.7	3.40	4.51	3.16	YES
L0000149	0	0.31546E-02	465137.3	3769834.2	324.7	3.40	4.51	3.16	YES
L0000150	0	0.31546E-02	465127.6	3769833.9	324.8	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000152	0	0.31546E-02	465108.2	3769833.4	324.8	3.40	4.51	3.16	YES	
L0000153	0	0.31546E-02	465098.5	3769833.2	324.9	3.40	4.51	3.16	YES	
L0000154	0	0.31546E-02	465088.8	3769832.9	324.9	3.40	4.51	3.16	YES	
L0000155	0	0.31546E-02	465079.1	3769832.7	325.0	3.40	4.51	3.16	YES	
L0000156	0	0.31546E-02	465069.4	3769832.4	325.0	3.40	4.51	3.16	YES	
L0000157	0	0.31546E-02	465059.7	3769832.1	325.1	3.40	4.51	3.16	YES	
L0000158	0	0.31546E-02	465050.0	3769831.9	325.1	3.40	4.51	3.16	YES	
L0000159	0	0.31546E-02	465040.3	3769831.6	325.1	3.40	4.51	3.16	YES	
L0000160	0	0.31546E-02	465030.6	3769831.4	325.1	3.40	4.51	3.16	YES	
L0000161	0	0.31546E-02	465020.9	3769831.1	325.2	3.40	4.51	3.16	YES	
L0000162	0	0.31546E-02	465011.2	3769830.9	325.2	3.40	4.51	3.16	YES	
L0000163	0	0.31546E-02	465001.5	3769830.6	325.3	3.40	4.51	3.16	YES	
L0000164	0	0.31546E-02	464991.9	3769830.4	325.3	3.40	4.51	3.16	YES	
L0000165	0	0.31546E-02	464982.2	3769830.1	325.4	3.40	4.51	3.16	YES	
L0000166	0	0.31546E-02	464972.5	3769829.8	325.4	3.40	4.51	3.16	YES	
L0000167	0	0.31546E-02	464962.8	3769829.6	325.4	3.40	4.51	3.16	YES	
L0000168	0	0.31546E-02	464953.1	3769829.3	325.5	3.40	4.51	3.16	YES	
L0000169	0	0.31546E-02	464943.4	3769829.1	325.5	3.40	4.51	3.16	YES	
L0000170	0	0.31546E-02	464933.7	3769828.8	325.5	3.40	4.51	3.16	YES	
L0000171	0	0.31546E-02	464924.0	3769828.6	325.6	3.40	4.51	3.16	YES	

L0000172	0	0.31546E-02	464914.3	3769828.3	325.6	3.40	4.51	3.16	YES
L0000173	0	0.31546E-02	464904.6	3769828.1	325.5	3.40	4.51	3.16	YES
L0000174	0	0.31546E-02	464894.9	3769827.8	325.5	3.40	4.51	3.16	YES
L0000175	0	0.31546E-02	464885.2	3769827.6	325.5	3.40	4.51	3.16	YES
L0000176	0	0.31546E-02	464875.5	3769827.3	325.5	3.40	4.51	3.16	YES
L0000177	0	0.31546E-02	464865.8	3769827.0	325.6	3.40	4.51	3.16	YES
L0000178	0	0.31546E-02	464856.1	3769826.8	325.6	3.40	4.51	3.16	YES
L0000179	0	0.31546E-02	464846.4	3769826.5	325.7	3.40	4.51	3.16	YES
L0000180	0	0.31546E-02	464836.7	3769826.3	325.6	3.40	4.51	3.16	YES
L0000181	0	0.31546E-02	464827.0	3769826.0	325.6	3.40	4.51	3.16	YES
L0000182	0	0.31546E-02	464817.3	3769825.8	325.5	3.40	4.51	3.16	YES
L0000183	0	0.31546E-02	464807.6	3769825.5	325.5	3.40	4.51	3.16	YES
L0000184	0	0.31546E-02	464797.9	3769825.3	325.5	3.40	4.51	3.16	YES
L0000185	0	0.31546E-02	464788.2	3769825.0	325.5	3.40	4.51	3.16	YES
L0000186	0	0.31546E-02	464778.5	3769824.7	325.5	3.40	4.51	3.16	YES
L0000187	0	0.31546E-02	464768.8	3769824.5	325.5	3.40	4.51	3.16	YES
L0000188	0	0.31546E-02	464759.1	3769824.2	325.5	3.40	4.51	3.16	YES
L0000189	0	0.31546E-02	464749.4	3769824.0	325.6	3.40	4.51	3.16	YES
L0000190	0	0.31546E-02	464739.7	3769823.7	325.6	3.40	4.51	3.16	YES
L0000191	0	0.31546E-02	464730.0	3769823.5	325.7	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
- - -

L0000192	0	0.31546E-02	464720.3	3769823.2	325.7	3.40	4.51	3.16	YES
L0000193	0	0.31546E-02	464710.6	3769823.0	325.8	3.40	4.51	3.16	YES
L0000194	0	0.31546E-02	464701.0	3769822.7	325.8	3.40	4.51	3.16	YES
L0000195	0	0.31546E-02	464691.3	3769822.4	325.9	3.40	4.51	3.16	YES
L0000196	0	0.31546E-02	464681.6	3769822.2	325.8	3.40	4.51	3.16	YES
L0000197	0	0.31546E-02	464671.9	3769821.9	325.8	3.40	4.51	3.16	YES
L0000198	0	0.31546E-02	464662.2	3769821.7	325.7	3.40	4.51	3.16	YES
L0000199	0	0.31546E-02	464652.5	3769821.4	325.7	3.40	4.51	3.16	YES
L0000200	0	0.31546E-02	464642.8	3769821.2	325.6	3.40	4.51	3.16	YES
L0000201	0	0.31546E-02	464633.1	3769820.9	325.6	3.40	4.51	3.16	YES
L0000202	0	0.31546E-02	464623.4	3769820.7	325.6	3.40	4.51	3.16	YES
L0000203	0	0.31546E-02	464613.7	3769820.4	325.6	3.40	4.51	3.16	YES
L0000204	0	0.31546E-02	464604.0	3769820.1	325.7	3.40	4.51	3.16	YES
L0000205	0	0.31546E-02	464594.3	3769819.9	325.7	3.40	4.51	3.16	YES
L0000206	0	0.31546E-02	464584.6	3769819.6	325.7	3.40	4.51	3.16	YES
L0000207	0	0.31546E-02	464574.9	3769819.4	325.7	3.40	4.51	3.16	YES
L0000208	0	0.31546E-02	464565.2	3769819.1	325.7	3.40	4.51	3.16	YES
L0000209	0	0.31546E-02	464555.5	3769818.9	325.8	3.40	4.51	3.16	YES
L0000210	0	0.31546E-02	464545.8	3769818.6	325.8	3.40	4.51	3.16	YES
L0000211	0	0.31546E-02	464536.1	3769818.4	325.8	3.40	4.51	3.16	YES
L0000212	0	0.31546E-02	464526.4	3769818.1	325.9	3.40	4.51	3.16	YES
L0000213	0	0.31546E-02	464516.7	3769817.9	325.9	3.40	4.51	3.16	YES
L0000214	0	0.31546E-02	464507.0	3769817.6	325.9	3.40	4.51	3.16	YES
L0000215	0	0.31546E-02	464497.3	3769817.3	325.9	3.40	4.51	3.16	YES
L0000216	0	0.31546E-02	464487.6	3769817.1	326.0	3.40	4.51	3.16	YES
L0000217	0	0.31546E-02	464477.9	3769816.8	326.0	3.40	4.51	3.16	YES
L0000218	0	0.31546E-02	464468.2	3769816.6	326.0	3.40	4.51	3.16	YES
L0000219	0	0.31546E-02	464458.5	3769816.3	326.0	3.40	4.51	3.16	YES
L0000220	0	0.31546E-02	464448.8	3769816.1	326.1	3.40	4.51	3.16	YES
L0000221	0	0.31546E-02	464439.1	3769815.8	326.1	3.40	4.51	3.16	YES
L0000222	0	0.31546E-02	464429.4	3769815.6	326.1	3.40	4.51	3.16	YES

L0000223	0	0.31546E-02	464419.8	3769815.3	326.1	3.40	4.51	3.16	YES
L0000224	0	0.31546E-02	464410.1	3769815.0	326.1	3.40	4.51	3.16	YES
L0000225	0	0.31546E-02	464400.4	3769814.8	326.2	3.40	4.51	3.16	YES
L0000226	0	0.31546E-02	464390.7	3769814.5	326.2	3.40	4.51	3.16	YES
L0000227	0	0.31546E-02	464381.0	3769814.3	326.2	3.40	4.51	3.16	YES
L0000228	0	0.31546E-02	464371.3	3769814.3	326.3	3.40	4.51	3.16	YES
L0000229	0	0.31546E-02	464361.6	3769814.3	326.3	3.40	4.51	3.16	YES
L0000230	0	0.31546E-02	464351.9	3769814.3	326.3	3.40	4.51	3.16	YES
L0000231	0	0.31546E-02	464342.2	3769814.3	326.4	3.40	4.51	3.16	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000232	0	0.31546E-02	464332.5	3769814.3	326.4	3.40	4.51	3.16	YES	
L0000233	0	0.31546E-02	464322.8	3769814.3	326.5	3.40	4.51	3.16	YES	
L0000234	0	0.31546E-02	464313.1	3769814.3	326.5	3.40	4.51	3.16	YES	
L0000235	0	0.31546E-02	464303.4	3769814.3	326.6	3.40	4.51	3.16	YES	
L0000236	0	0.31546E-02	464293.7	3769814.3	326.6	3.40	4.51	3.16	YES	
L0000237	0	0.31546E-02	464284.0	3769814.3	326.6	3.40	4.51	3.16	YES	
L0000238	0	0.31546E-02	464274.3	3769814.3	326.6	3.40	4.51	3.16	YES	
L0000239	0	0.31546E-02	464264.6	3769814.3	326.7	3.40	4.51	3.16	YES	
L0000240	0	0.31546E-02	464254.9	3769814.3	326.7	3.40	4.51	3.16	YES	
L0000241	0	0.31546E-02	464245.2	3769814.3	326.8	3.40	4.51	3.16	YES	
L0000242	0	0.31546E-02	464235.5	3769814.3	326.9	3.40	4.51	3.16	YES	

L0000243	0	0.31546E-02	464225.8	3769814.3	326.9	3.40	4.51	3.16	YES
L0000244	0	0.31546E-02	464216.1	3769814.3	327.1	3.40	4.51	3.16	YES
L0000245	0	0.31546E-02	464206.4	3769814.3	327.2	3.40	4.51	3.16	YES
L0000246	0	0.31546E-02	464196.7	3769814.3	327.2	3.40	4.51	3.16	YES
L0000247	0	0.31546E-02	464187.0	3769814.3	327.3	3.40	4.51	3.16	YES
L0000248	0	0.31546E-02	464177.3	3769814.3	327.4	3.40	4.51	3.16	YES
L0000249	0	0.31546E-02	464167.6	3769814.3	327.4	3.40	4.51	3.16	YES
L0000250	0	0.31546E-02	464157.9	3769814.3	327.4	3.40	4.51	3.16	YES
L0000251	0	0.31546E-02	464148.2	3769814.3	327.4	3.40	4.51	3.16	YES
L0000252	0	0.31546E-02	464138.5	3769814.3	327.5	3.40	4.51	3.16	YES
L0000253	0	0.31546E-02	464128.8	3769814.3	327.5	3.40	4.51	3.16	YES
L0000254	0	0.31546E-02	464119.1	3769814.3	327.5	3.40	4.51	3.16	YES
L0000255	0	0.31546E-02	464109.4	3769814.3	327.5	3.40	4.51	3.16	YES
L0000256	0	0.31546E-02	464099.7	3769814.3	327.5	3.40	4.51	3.16	YES
L0000257	0	0.31546E-02	464090.0	3769814.3	327.5	3.40	4.51	3.16	YES
L0000258	0	0.31546E-02	464080.3	3769814.3	327.5	3.40	4.51	3.16	YES
L0000259	0	0.31546E-02	464070.6	3769814.3	327.5	3.40	4.51	3.16	YES
L0000260	0	0.31546E-02	464060.9	3769814.3	327.5	3.40	4.51	3.16	YES
L0000261	0	0.31546E-02	464051.2	3769814.8	327.5	3.40	4.51	3.16	YES
L0000262	0	0.31546E-02	464041.5	3769815.4	327.5	3.40	4.51	3.16	YES
L0000263	0	0.31546E-02	464031.8	3769816.1	327.4	3.40	4.51	3.16	YES
L0000264	0	0.31546E-02	464022.1	3769816.7	327.4	3.40	4.51	3.16	YES
L0000265	0	0.31546E-02	464012.5	3769817.4	327.4	3.40	4.51	3.16	YES
L0000266	0	0.31546E-02	464002.8	3769818.0	327.4	3.40	4.51	3.16	YES
L0000267	0	0.31546E-02	463993.1	3769818.7	327.4	3.40	4.51	3.16	YES
L0000268	0	0.31546E-02	463983.4	3769819.4	327.5	3.40	4.51	3.16	YES
L0000269	0	0.31546E-02	463973.8	3769820.0	327.5	3.40	4.51	3.16	YES
L0000270	0	0.31546E-02	463964.1	3769820.7	327.5	3.40	4.51	3.16	YES
L0000271	0	0.31546E-02	463954.4	3769821.3	327.5	3.40	4.51	3.16	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000272	0	0.31546E-02	463944.7	3769822.0	327.6	3.40	4.51	3.16	YES	
L0000273	0	0.31546E-02	463935.0	3769822.6	327.6	3.40	4.51	3.16	YES	
L0000274	0	0.31546E-02	463925.4	3769823.3	327.7	3.40	4.51	3.16	YES	
L0000275	0	0.31546E-02	463915.7	3769823.9	327.7	3.40	4.51	3.16	YES	
L0000276	0	0.31546E-02	463906.0	3769824.6	327.8	3.40	4.51	3.16	YES	
L0000277	0	0.31546E-02	463896.3	3769825.3	327.8	3.40	4.51	3.16	YES	
L0000278	0	0.31546E-02	463886.7	3769825.9	327.8	3.40	4.51	3.16	YES	
L0000279	0	0.31546E-02	463877.0	3769826.6	327.8	3.40	4.51	3.16	YES	
L0000280	0	0.31546E-02	463867.3	3769827.0	327.8	3.40	4.51	3.16	YES	
L0000281	0	0.31546E-02	463857.6	3769827.5	327.9	3.40	4.51	3.16	YES	
L0000282	0	0.31546E-02	463847.9	3769827.9	327.9	3.40	4.51	3.16	YES	
L0000283	0	0.31546E-02	463838.2	3769828.3	327.9	3.40	4.51	3.16	YES	
L0000284	0	0.31546E-02	463828.5	3769828.7	327.9	3.40	4.51	3.16	YES	
L0000285	0	0.31546E-02	463818.8	3769829.1	327.9	3.40	4.51	3.16	YES	
L0000286	0	0.31546E-02	463809.1	3769829.5	327.9	3.40	4.51	3.16	YES	
L0000287	0	0.31546E-02	463799.5	3769829.9	327.9	3.40	4.51	3.16	YES	
L0000288	0	0.31546E-02	463789.8	3769830.3	328.0	3.40	4.51	3.16	YES	
L0000289	0	0.31546E-02	463780.1	3769830.7	328.0	3.40	4.51	3.16	YES	
L0000290	0	0.31546E-02	463770.4	3769831.1	328.1	3.40	4.51	3.16	YES	
L0000291	0	0.31546E-02	463760.7	3769831.5	328.1	3.40	4.51	3.16	YES	
L0000292	0	0.31546E-02	463751.0	3769831.9	328.2	3.40	4.51	3.16	YES	
L0000293	0	0.31546E-02	463741.3	3769832.3	328.2	3.40	4.51	3.16	YES	

L0000294	0	0.31546E-02	463731.6	3769832.8	328.3	3.40	4.51	3.16	YES
L0000295	0	0.31546E-02	463721.9	3769833.2	328.4	3.40	4.51	3.16	YES
L0000296	0	0.31546E-02	463712.2	3769833.6	328.5	3.40	4.51	3.16	YES
L0000297	0	0.31546E-02	463702.5	3769834.0	328.6	3.40	4.51	3.16	YES
L0000298	0	0.31546E-02	463692.8	3769834.4	328.8	3.40	4.51	3.16	YES
L0000299	0	0.31546E-02	463683.2	3769834.8	328.9	3.40	4.51	3.16	YES
L0000300	0	0.31546E-02	463673.5	3769835.2	329.1	3.40	4.51	3.16	YES
L0000301	0	0.31546E-02	463663.8	3769835.6	329.2	3.40	4.51	3.16	YES
L0000302	0	0.31546E-02	463654.1	3769836.0	329.4	3.40	4.51	3.16	YES
L0000303	0	0.31546E-02	463644.4	3769836.4	329.6	3.40	4.51	3.16	YES
L0000304	0	0.31546E-02	463634.7	3769836.8	329.9	3.40	4.51	3.16	YES
L0000305	0	0.31546E-02	463625.0	3769837.2	330.1	3.40	4.51	3.16	YES
L0000306	0	0.31546E-02	463615.3	3769837.6	330.4	3.40	4.51	3.16	YES
L0000307	0	0.31546E-02	463605.6	3769838.0	330.8	3.40	4.51	3.16	YES
L0000308	0	0.31546E-02	463595.9	3769838.5	331.1	3.40	4.51	3.16	YES
L0000309	0	0.31546E-02	463586.2	3769838.9	331.5	3.40	4.51	3.16	YES
L0000310	0	0.31546E-02	463576.5	3769839.3	331.9	3.40	4.51	3.16	YES
L0000311	0	0.31546E-02	463566.9	3769839.7	332.2	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000312	0	0.31546E-02	463557.2	3769840.1	332.6	3.40	4.51	3.16	YES	
L0000313	0	0.31546E-02	463547.5	3769840.5	332.9	3.40	4.51	3.16	YES	
L0000314	0	0.31546E-02	463537.8	3769840.9	333.3	3.40	4.51	3.16	YES	

L0000315	0	0.31546E-02	463528.1	3769841.3	333.6	3.40	4.51	3.16	YES
L0000316	0	0.31546E-02	463518.4	3769841.7	334.0	3.40	4.51	3.16	YES
L0000317	0	0.31546E-02	463508.7	3769842.1	334.4	3.40	4.51	3.16	YES
L0003803	0	0.58480E-02	467494.5	3769879.2	322.7	3.40	4.51	3.16	YES
L0003804	0	0.58480E-02	467484.8	3769879.1	322.9	3.40	4.51	3.16	YES
L0003805	0	0.58480E-02	467475.1	3769879.0	323.0	3.40	4.51	3.16	YES
L0003806	0	0.58480E-02	467465.4	3769878.9	323.2	3.40	4.51	3.16	YES
L0003807	0	0.58480E-02	467455.7	3769878.9	323.4	3.40	4.51	3.16	YES
L0003808	0	0.58480E-02	467446.0	3769878.8	323.7	3.40	4.51	3.16	YES
L0003809	0	0.58480E-02	467436.3	3769878.7	323.9	3.40	4.51	3.16	YES
L0003810	0	0.58480E-02	467426.6	3769878.6	324.0	3.40	4.51	3.16	YES
L0003811	0	0.58480E-02	467416.9	3769878.6	324.1	3.40	4.51	3.16	YES
L0003812	0	0.58480E-02	467407.2	3769878.5	324.1	3.40	4.51	3.16	YES
L0003813	0	0.58480E-02	467397.5	3769878.4	324.0	3.40	4.51	3.16	YES
L0003814	0	0.58480E-02	467387.8	3769878.3	323.9	3.40	4.51	3.16	YES
L0003815	0	0.58480E-02	467378.1	3769878.3	323.9	3.40	4.51	3.16	YES
L0003816	0	0.58480E-02	467368.4	3769878.2	323.9	3.40	4.51	3.16	YES
L0003817	0	0.58480E-02	467358.7	3769878.1	323.9	3.40	4.51	3.16	YES
L0003818	0	0.58480E-02	467349.0	3769878.0	323.9	3.40	4.51	3.16	YES
L0003819	0	0.58480E-02	467339.3	3769877.9	323.9	3.40	4.51	3.16	YES
L0003820	0	0.58480E-02	467329.6	3769877.9	323.9	3.40	4.51	3.16	YES
L0003821	0	0.58480E-02	467319.9	3769877.8	323.9	3.40	4.51	3.16	YES
L0003822	0	0.58480E-02	467310.2	3769877.7	323.9	3.40	4.51	3.16	YES
L0003823	0	0.58480E-02	467300.5	3769877.6	323.9	3.40	4.51	3.16	YES
L0003824	0	0.58480E-02	467290.8	3769877.6	323.9	3.40	4.51	3.16	YES
L0003825	0	0.58480E-02	467281.1	3769877.5	323.9	3.40	4.51	3.16	YES
L0003826	0	0.58480E-02	467271.4	3769877.4	324.0	3.40	4.51	3.16	YES
L0003827	0	0.58480E-02	467261.7	3769877.3	324.0	3.40	4.51	3.16	YES
L0003828	0	0.58480E-02	467252.0	3769877.3	324.1	3.40	4.51	3.16	YES
L0003829	0	0.58480E-02	467242.3	3769877.2	324.2	3.40	4.51	3.16	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003830	0	0.58480E-02	467232.6	3769877.1	324.2	3.40	4.51	3.16	YES	
L0003831	0	0.58480E-02	467222.9	3769877.0	324.3	3.40	4.51	3.16	YES	
L0003832	0	0.58480E-02	467213.2	3769877.0	324.4	3.40	4.51	3.16	YES	
L0003833	0	0.58480E-02	467203.5	3769876.9	324.5	3.40	4.51	3.16	YES	
L0003834	0	0.58480E-02	467193.8	3769876.8	324.6	3.40	4.51	3.16	YES	
L0003835	0	0.58480E-02	467184.1	3769876.7	324.6	3.40	4.51	3.16	YES	
L0003836	0	0.58480E-02	467174.4	3769876.7	324.7	3.40	4.51	3.16	YES	
L0003837	0	0.58480E-02	467164.7	3769876.6	324.8	3.40	4.51	3.16	YES	
L0003838	0	0.58480E-02	467155.0	3769876.5	324.9	3.40	4.51	3.16	YES	
L0003839	0	0.58480E-02	467145.3	3769876.4	325.0	3.40	4.51	3.16	YES	
L0003840	0	0.58480E-02	467135.6	3769876.4	325.1	3.40	4.51	3.16	YES	
L0003841	0	0.58480E-02	467125.9	3769876.3	325.2	3.40	4.51	3.16	YES	
L0003842	0	0.58480E-02	467116.2	3769876.2	325.2	3.40	4.51	3.16	YES	
L0003843	0	0.58480E-02	467106.5	3769876.1	325.3	3.40	4.51	3.16	YES	
L0003844	0	0.58480E-02	467096.8	3769876.1	325.4	3.40	4.51	3.16	YES	
L0003845	0	0.58480E-02	467087.1	3769876.0	325.4	3.40	4.51	3.16	YES	
L0003846	0	0.58480E-02	467077.4	3769875.8	325.5	3.40	4.51	3.16	YES	
L0003847	0	0.58480E-02	467067.7	3769875.5	325.5	3.40	4.51	3.16	YES	
L0003848	0	0.58480E-02	467058.0	3769875.2	325.5	3.40	4.51	3.16	YES	
L0003849	0	0.58480E-02	467048.3	3769874.9	325.5	3.40	4.51	3.16	YES	
L0003850	0	0.58480E-02	467038.6	3769874.6	325.5	3.40	4.51	3.16	YES	

L0003851	0	0.58480E-02	467028.9	3769874.3	325.5	3.40	4.51	3.16	YES
L0003852	0	0.58480E-02	467019.2	3769874.0	325.4	3.40	4.51	3.16	YES
L0003853	0	0.58480E-02	467009.5	3769873.7	325.4	3.40	4.51	3.16	YES
L0003854	0	0.58480E-02	466999.8	3769873.4	325.4	3.40	4.51	3.16	YES
L0003855	0	0.58480E-02	466990.1	3769873.1	325.5	3.40	4.51	3.16	YES
L0003856	0	0.58480E-02	466980.4	3769872.8	325.5	3.40	4.51	3.16	YES
L0003857	0	0.58480E-02	466970.7	3769872.6	325.6	3.40	4.51	3.16	YES
L0003858	0	0.58480E-02	466961.0	3769872.3	325.6	3.40	4.51	3.16	YES
L0003859	0	0.58480E-02	466951.3	3769872.0	325.6	3.40	4.51	3.16	YES
L0003860	0	0.58480E-02	466941.6	3769871.7	325.5	3.40	4.51	3.16	YES
L0003861	0	0.58480E-02	466931.9	3769871.4	325.4	3.40	4.51	3.16	YES
L0003862	0	0.58480E-02	466922.2	3769871.1	325.2	3.40	4.51	3.16	YES
L0003863	0	0.58480E-02	466912.5	3769870.8	325.0	3.40	4.51	3.16	YES
L0003864	0	0.58480E-02	466902.9	3769870.5	324.8	3.40	4.51	3.16	YES
L0003865	0	0.58480E-02	466893.2	3769870.2	324.5	3.40	4.51	3.16	YES
L0003866	0	0.58480E-02	466883.5	3769869.9	324.3	3.40	4.51	3.16	YES
L0003867	0	0.58480E-02	466873.8	3769869.6	324.1	3.40	4.51	3.16	YES
L0003868	0	0.58480E-02	466864.1	3769869.3	323.9	3.40	4.51	3.16	YES
L0003869	0	0.58480E-02	466854.4	3769869.0	323.8	3.40	4.51	3.16	YES
L0003870	0	0.58480E-02	466844.7	3769868.7	323.7	3.40	4.51	3.16	YES
L0003871	0	0.58480E-02	466835.0	3769868.5	323.5	3.40	4.51	3.16	YES
L0003872	0	0.58480E-02	466825.3	3769868.2	323.4	3.40	4.51	3.16	YES
L0003873	0	0.58480E-02	466815.6	3769867.9	323.3	3.40	4.51	3.16	YES
L0003874	0	0.58480E-02	466805.9	3769867.6	323.1	3.40	4.51	3.16	YES
L0003875	0	0.58480E-02	466796.2	3769867.3	322.9	3.40	4.51	3.16	YES
L0003876	0	0.58480E-02	466786.5	3769867.0	322.9	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003877	0	0.58480E-02	466776.8	3769866.7	323.0	3.40	4.51	3.16	YES	
L0003878	0	0.58480E-02	466767.1	3769866.4	323.0	3.40	4.51	3.16	YES	
L0003879	0	0.58480E-02	466757.4	3769866.1	323.3	3.40	4.51	3.16	YES	
L0003880	0	0.58480E-02	466747.7	3769865.8	323.5	3.40	4.51	3.16	YES	
L0003881	0	0.58480E-02	466738.0	3769865.5	323.7	3.40	4.51	3.16	YES	
L0003882	0	0.58480E-02	466728.3	3769865.2	323.8	3.40	4.51	3.16	YES	
L0003883	0	0.58480E-02	466718.6	3769864.9	323.9	3.40	4.51	3.16	YES	
L0003884	0	0.58480E-02	466708.9	3769864.6	323.9	3.40	4.51	3.16	YES	
L0003885	0	0.58480E-02	466699.2	3769864.4	323.8	3.40	4.51	3.16	YES	
L0003886	0	0.58480E-02	466689.5	3769864.1	323.8	3.40	4.51	3.16	YES	
L0003887	0	0.58480E-02	466679.9	3769863.8	323.7	3.40	4.51	3.16	YES	
L0003888	0	0.58480E-02	466670.2	3769863.5	323.6	3.40	4.51	3.16	YES	
L0003889	0	0.58480E-02	466660.5	3769863.2	323.4	3.40	4.51	3.16	YES	
L0003890	0	0.58480E-02	466650.8	3769862.9	323.4	3.40	4.51	3.16	YES	
L0003891	0	0.58480E-02	466641.1	3769862.6	323.2	3.40	4.51	3.16	YES	
L0003892	0	0.58480E-02	466631.4	3769862.3	323.1	3.40	4.51	3.16	YES	
L0003893	0	0.58480E-02	466621.7	3769862.0	323.0	3.40	4.51	3.16	YES	
L0003894	0	0.58480E-02	466612.0	3769861.7	322.8	3.40	4.51	3.16	YES	
L0003895	0	0.58480E-02	466602.3	3769861.4	322.6	3.40	4.51	3.16	YES	
L0003896	0	0.58480E-02	466592.6	3769861.1	322.4	3.40	4.51	3.16	YES	
L0003897	0	0.58480E-02	466582.9	3769860.8	322.2	3.40	4.51	3.16	YES	
L0003898	0	0.58480E-02	466573.2	3769860.5	322.1	3.40	4.51	3.16	YES	
L0003899	0	0.58480E-02	466563.5	3769860.3	322.0	3.40	4.51	3.16	YES	
L0003900	0	0.58480E-02	466553.8	3769860.0	322.1	3.40	4.51	3.16	YES	
L0003901	0	0.58480E-02	466544.1	3769859.7	322.2	3.40	4.51	3.16	YES	

L0003902	0	0.58480E-02	466534.4	3769859.5	322.3	3.40	4.51	3.16	YES
L0003903	0	0.58480E-02	466524.7	3769859.3	322.6	3.40	4.51	3.16	YES
L0003904	0	0.58480E-02	466515.0	3769859.1	322.8	3.40	4.51	3.16	YES
L0003905	0	0.58480E-02	466505.3	3769858.9	323.0	3.40	4.51	3.16	YES
L0003906	0	0.58480E-02	466495.6	3769858.8	323.2	3.40	4.51	3.16	YES
L0003907	0	0.58480E-02	466485.9	3769858.6	323.4	3.40	4.51	3.16	YES
L0003908	0	0.58480E-02	466476.2	3769858.4	323.6	3.40	4.51	3.16	YES
L0003909	0	0.58480E-02	466466.5	3769858.2	323.7	3.40	4.51	3.16	YES
L0003910	0	0.58480E-02	466456.8	3769858.0	323.8	3.40	4.51	3.16	YES
L0003911	0	0.58480E-02	466447.1	3769857.8	323.9	3.40	4.51	3.16	YES
L0003912	0	0.58480E-02	466437.4	3769857.7	323.9	3.40	4.51	3.16	YES
L0003913	0	0.58480E-02	466427.7	3769857.5	323.8	3.40	4.51	3.16	YES
L0003914	0	0.58480E-02	466418.0	3769857.3	323.7	3.40	4.51	3.16	YES
L0003915	0	0.58480E-02	466408.3	3769857.1	323.5	3.40	4.51	3.16	YES
L0003916	0	0.58480E-02	466398.6	3769856.9	323.2	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003917	0	0.58480E-02	466388.9	3769856.7	322.9	3.40	4.51	3.16	YES	
L0003918	0	0.58480E-02	466379.2	3769856.6	322.7	3.40	4.51	3.16	YES	
L0003919	0	0.58480E-02	466369.5	3769856.4	322.5	3.40	4.51	3.16	YES	
L0003920	0	0.58480E-02	466359.8	3769856.2	322.4	3.40	4.51	3.16	YES	
L0003921	0	0.58480E-02	466350.2	3769856.0	322.3	3.40	4.51	3.16	YES	

L0003922	0	0.58480E-02	466340.5	3769855.8	322.3	3.40	4.51	3.16	YES
L0003923	0	0.58480E-02	466330.8	3769855.6	322.2	3.40	4.51	3.16	YES
L0003924	0	0.58480E-02	466321.1	3769855.5	322.3	3.40	4.51	3.16	YES
L0003925	0	0.58480E-02	466311.4	3769855.3	322.3	3.40	4.51	3.16	YES
L0003926	0	0.58480E-02	466301.7	3769855.1	322.4	3.40	4.51	3.16	YES
L0003927	0	0.58480E-02	466292.0	3769854.9	322.6	3.40	4.51	3.16	YES
L0003928	0	0.58480E-02	466282.3	3769855.1	322.7	3.40	4.51	3.16	YES
L0003929	0	0.58480E-02	466272.6	3769856.1	322.8	3.40	4.51	3.16	YES
L0003930	0	0.58480E-02	466263.0	3769857.0	322.9	3.40	4.51	3.16	YES
L0003931	0	0.58480E-02	466253.3	3769857.9	323.0	3.40	4.51	3.16	YES
L0003932	0	0.58480E-02	466243.7	3769858.8	323.1	3.40	4.51	3.16	YES
L0003933	0	0.58480E-02	466234.0	3769859.7	323.1	3.40	4.51	3.16	YES
L0003934	0	0.58480E-02	466224.3	3769860.6	323.2	3.40	4.51	3.16	YES
L0003935	0	0.58480E-02	466214.7	3769861.5	323.2	3.40	4.51	3.16	YES
L0003936	0	0.58480E-02	466205.0	3769862.4	323.3	3.40	4.51	3.16	YES
L0003937	0	0.58480E-02	466195.4	3769863.4	323.2	3.40	4.51	3.16	YES
L0003938	0	0.58480E-02	466185.7	3769864.3	323.2	3.40	4.51	3.16	YES
L0003939	0	0.58480E-02	466176.1	3769865.2	323.1	3.40	4.51	3.16	YES
L0003940	0	0.58480E-02	466166.4	3769866.1	323.0	3.40	4.51	3.16	YES
L0003941	0	0.58480E-02	466156.7	3769867.0	322.8	3.40	4.51	3.16	YES
L0003942	0	0.58480E-02	466147.1	3769867.9	322.8	3.40	4.51	3.16	YES
L0003943	0	0.58480E-02	466137.4	3769868.8	322.9	3.40	4.51	3.16	YES
L0003944	0	0.58480E-02	466127.8	3769869.7	323.0	3.40	4.51	3.16	YES
L0003945	0	0.58480E-02	466118.1	3769870.7	323.0	3.40	4.51	3.16	YES
L0003946	0	0.58480E-02	466108.5	3769871.6	323.1	3.40	4.51	3.16	YES
L0003947	0	0.58480E-02	466098.8	3769872.5	323.1	3.40	4.51	3.16	YES
L0003948	0	0.58480E-02	466089.1	3769873.4	323.1	3.40	4.51	3.16	YES
L0003949	0	0.58480E-02	466079.5	3769874.7	323.1	3.40	4.51	3.16	YES
L0003950	0	0.58480E-02	466069.9	3769876.1	323.1	3.40	4.51	3.16	YES
L0003951	0	0.58480E-02	466060.3	3769877.5	323.1	3.40	4.51	3.16	YES
L0003952	0	0.58480E-02	466050.7	3769878.9	323.1	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003957	0	0.58480E-02	466002.7	3769885.9	323.2	3.40	4.51	3.16	YES	
L0003958	0	0.58480E-02	465993.1	3769887.3	323.2	3.40	4.51	3.16	YES	
L0003959	0	0.58480E-02	465983.5	3769888.7	323.2	3.40	4.51	3.16	YES	
L0003960	0	0.58480E-02	465974.0	3769890.1	323.3	3.40	4.51	3.16	YES	
L0003961	0	0.58480E-02	465964.4	3769891.5	323.4	3.40	4.51	3.16	YES	
L0003962	0	0.58480E-02	465954.8	3769892.9	323.5	3.40	4.51	3.16	YES	
L0003963	0	0.58480E-02	465945.2	3769894.3	323.6	3.40	4.51	3.16	YES	
L0003964	0	0.58480E-02	465935.6	3769895.7	323.9	3.40	4.51	3.16	YES	
L0003965	0	0.58480E-02	465926.0	3769897.1	324.2	3.40	4.51	3.16	YES	
L0003966	0	0.58480E-02	465916.4	3769898.5	324.5	3.40	4.51	3.16	YES	
L0003967	0	0.58480E-02	465906.8	3769899.9	324.8	3.40	4.51	3.16	YES	
L0003968	0	0.58480E-02	465897.2	3769901.3	325.1	3.40	4.51	3.16	YES	
L0003969	0	0.58480E-02	465887.6	3769902.8	325.6	3.40	4.51	3.16	YES	
L0003970	0	0.58480E-02	465878.0	3769904.2	326.0	3.40	4.51	3.16	YES	
L0003971	0	0.58480E-02	465868.4	3769905.6	326.4	3.40	4.51	3.16	YES	
L0003972	0	0.58480E-02	465858.8	3769907.0	326.8	3.40	4.51	3.16	YES	

L0003973	0	0.58480E-02	465849.2	3769908.4	327.3	3.40	4.51	3.16	YES
L0003540	0	0.42194E-02	465553.6	3769911.1	321.8	3.40	4.51	3.16	YES
L0003541	0	0.42194E-02	465563.3	3769911.1	321.8	3.40	4.51	3.16	YES
L0003542	0	0.42194E-02	465573.0	3769911.1	321.8	3.40	4.51	3.16	YES
L0003543	0	0.42194E-02	465582.7	3769911.1	321.7	3.40	4.51	3.16	YES
L0003544	0	0.42194E-02	465591.6	3769914.8	321.7	3.40	4.51	3.16	YES
L0003545	0	0.42194E-02	465600.6	3769918.5	321.6	3.40	4.51	3.16	YES
L0003546	0	0.42194E-02	465609.5	3769922.3	321.6	3.40	4.51	3.16	YES
L0003547	0	0.42194E-02	465618.5	3769926.1	321.5	3.40	4.51	3.16	YES
L0003548	0	0.42194E-02	465627.4	3769929.8	321.6	3.40	4.51	3.16	YES
L0003549	0	0.42194E-02	465636.3	3769933.6	321.6	3.40	4.51	3.16	YES
L0003550	0	0.42194E-02	465641.5	3769939.8	321.6	3.40	4.51	3.16	YES
L0003551	0	0.42194E-02	465641.3	3769949.5	321.7	3.40	4.51	3.16	YES
L0003552	0	0.42194E-02	465641.1	3769959.2	321.8	3.40	4.51	3.16	YES
L0003553	0	0.42194E-02	465640.9	3769968.9	321.9	3.40	4.51	3.16	YES
L0003554	0	0.42194E-02	465640.7	3769978.6	322.1	3.40	4.51	3.16	YES
L0003555	0	0.42194E-02	465640.5	3769988.3	322.2	3.40	4.51	3.16	YES
L0003556	0	0.42194E-02	465640.3	3769998.0	322.4	3.40	4.51	3.16	YES
L0003557	0	0.42194E-02	465640.1	3770007.7	322.7	3.40	4.51	3.16	YES
L0003558	0	0.42194E-02	465639.8	3770017.4	322.9	3.40	4.51	3.16	YES
L0003559	0	0.42194E-02	465639.6	3770027.1	323.2	3.40	4.51	3.16	YES
L0003560	0	0.42194E-02	465639.4	3770036.8	323.1	3.40	4.51	3.16	YES
L0003561	0	0.42194E-02	465639.2	3770046.5	322.9	3.40	4.51	3.16	YES
L0003562	0	0.42194E-02	465646.8	3770048.4	323.0	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE BASE RELEASE INIT. INIT. URBAN
EMISSION RATE

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE SCALAR VARY BY
L0003563	0	0.42194E-02	465656.5	3770048.3	323.4	3.40	4.51	3.16	YES
L0003564	0	0.42194E-02	465666.2	3770048.1	323.7	3.40	4.51	3.16	YES
L0003565	0	0.42194E-02	465675.9	3770047.9	323.8	3.40	4.51	3.16	YES
L0003566	0	0.42194E-02	465685.6	3770047.7	323.9	3.40	4.51	3.16	YES
L0003567	0	0.42194E-02	465695.3	3770047.6	323.9	3.40	4.51	3.16	YES
L0003568	0	0.42194E-02	465705.0	3770047.4	323.8	3.40	4.51	3.16	YES
L0003569	0	0.42194E-02	465714.7	3770047.2	323.6	3.40	4.51	3.16	YES
L0003570	0	0.42194E-02	465724.4	3770047.1	323.6	3.40	4.51	3.16	YES
L0003571	0	0.42194E-02	465734.1	3770046.9	323.7	3.40	4.51	3.16	YES
L0003572	0	0.42194E-02	465743.8	3770046.7	323.7	3.40	4.51	3.16	YES
L0003573	0	0.42194E-02	465753.5	3770046.6	324.1	3.40	4.51	3.16	YES
L0003574	0	0.42194E-02	465763.2	3770046.4	324.4	3.40	4.51	3.16	YES
L0003575	0	0.42194E-02	465772.9	3770046.2	324.7	3.40	4.51	3.16	YES
L0003576	0	0.42194E-02	465782.6	3770046.0	324.9	3.40	4.51	3.16	YES
L0003577	0	0.42194E-02	465792.3	3770045.9	325.1	3.40	4.51	3.16	YES
L0003578	0	0.42194E-02	465802.0	3770045.7	325.2	3.40	4.51	3.16	YES
L0003579	0	0.42194E-02	465811.7	3770045.5	325.2	3.40	4.51	3.16	YES
L0003580	0	0.42194E-02	465821.4	3770045.4	325.3	3.40	4.51	3.16	YES
L0003581	0	0.42194E-02	465831.1	3770045.2	325.5	3.40	4.51	3.16	YES
L0003582	0	0.42194E-02	465840.1	3770044.4	325.6	3.40	4.51	3.16	YES
L0003583	0	0.42194E-02	465840.2	3770034.7	325.4	3.40	4.51	3.16	YES
L0003584	0	0.42194E-02	465840.3	3770025.0	325.1	3.40	4.51	3.16	YES
L0003585	0	0.42194E-02	465840.4	3770015.3	325.2	3.40	4.51	3.16	YES
L0003586	0	0.42194E-02	465840.5	3770005.6	325.2	3.40	4.51	3.16	YES
L0003587	0	0.42194E-02	465840.6	3769995.9	325.2	3.40	4.51	3.16	YES
L0003588	0	0.42194E-02	465840.7	3769986.2	325.3	3.40	4.51	3.16	YES
L0003589	0	0.42194E-02	465840.8	3769976.5	325.4	3.40	4.51	3.16	YES

L0003590	0	0.42194E-02	465840.9	3769966.8	325.5	3.40	4.51	3.16	YES
L0003591	0	0.42194E-02	465841.0	3769957.1	325.7	3.40	4.51	3.16	YES
L0003592	0	0.42194E-02	465841.1	3769947.4	325.9	3.40	4.51	3.16	YES
L0003593	0	0.42194E-02	465841.2	3769937.7	326.2	3.40	4.51	3.16	YES
L0003594	0	0.42194E-02	465841.3	3769928.0	326.5	3.40	4.51	3.16	YES
L0003595	0	0.42194E-02	465841.4	3769918.3	326.9	3.40	4.51	3.16	YES
L0003596	0	0.42194E-02	465841.5	3769908.6	327.4	3.40	4.51	3.16	YES
L0003597	0	0.42194E-02	465841.6	3769898.9	327.4	3.40	4.51	3.16	YES
L0003598	0	0.42194E-02	465841.7	3769889.2	326.5	3.40	4.51	3.16	YES
L0003599	0	0.42194E-02	465841.8	3769879.5	325.7	3.40	4.51	3.16	YES
L0003600	0	0.42194E-02	465841.9	3769869.8	324.9	3.40	4.51	3.16	YES
L0003601	0	0.42194E-02	465842.0	3769860.1	324.0	3.40	4.51	3.16	YES
L0003602	0	0.42194E-02	465842.1	3769850.4	323.2	3.40	4.51	3.16	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003603	0	0.42194E-02	465842.2	3769840.7	322.4	3.40	4.51	3.16	YES	
L0003604	0	0.42194E-02	465842.3	3769831.0	323.9	3.40	4.51	3.16	YES	
L0003605	0	0.42194E-02	465842.4	3769821.3	325.5	3.40	4.51	3.16	YES	
L0003606	0	0.42194E-02	465844.3	3769812.9	326.8	3.40	4.51	3.16	YES	
L0003607	0	0.42194E-02	465853.5	3769809.6	327.2	3.40	4.51	3.16	YES	
L0003608	0	0.42194E-02	465862.8	3769807.9	326.9	3.40	4.51	3.16	YES	
L0003609	0	0.42194E-02	465872.5	3769808.3	326.7	3.40	4.51	3.16	YES	
L0003610	0	0.42194E-02	465882.2	3769808.8	326.5	3.40	4.51	3.16	YES	

L0003611	0	0.42194E-02	465891.9	3769809.2	326.4	3.40	4.51	3.16	YES
L0003612	0	0.42194E-02	465901.6	3769809.7	326.2	3.40	4.51	3.16	YES
L0003613	0	0.42194E-02	465911.3	3769810.1	325.9	3.40	4.51	3.16	YES
L0003614	0	0.42194E-02	465921.0	3769810.6	325.6	3.40	4.51	3.16	YES
L0003615	0	0.42194E-02	465930.7	3769811.1	325.2	3.40	4.51	3.16	YES
L0003616	0	0.42194E-02	465940.3	3769811.5	324.9	3.40	4.51	3.16	YES
L0003617	0	0.42194E-02	465950.0	3769812.0	324.6	3.40	4.51	3.16	YES
L0003618	0	0.42194E-02	465959.7	3769812.4	324.4	3.40	4.51	3.16	YES
L0003619	0	0.42194E-02	465969.4	3769812.5	324.2	3.40	4.51	3.16	YES
L0003620	0	0.42194E-02	465979.1	3769812.7	324.0	3.40	4.51	3.16	YES
L0003621	0	0.42194E-02	465988.8	3769812.8	323.8	3.40	4.51	3.16	YES
L0003622	0	0.42194E-02	465998.5	3769813.0	323.6	3.40	4.51	3.16	YES
L0003623	0	0.42194E-02	466008.2	3769813.1	323.5	3.40	4.51	3.16	YES
L0003624	0	0.42194E-02	466017.9	3769813.3	323.4	3.40	4.51	3.16	YES
L0003625	0	0.42194E-02	466027.6	3769813.4	323.3	3.40	4.51	3.16	YES
L0003626	0	0.42194E-02	466037.3	3769813.5	323.2	3.40	4.51	3.16	YES
L0003627	0	0.42194E-02	466047.0	3769813.7	323.2	3.40	4.51	3.16	YES
L0003628	0	0.42194E-02	466056.7	3769813.8	323.1	3.40	4.51	3.16	YES
L0003629	0	0.42194E-02	466066.4	3769814.0	323.1	3.40	4.51	3.16	YES
L0003630	0	0.42194E-02	466076.1	3769814.1	323.0	3.40	4.51	3.16	YES
L0003631	0	0.42194E-02	466085.8	3769814.3	323.0	3.40	4.51	3.16	YES
L0003632	0	0.42194E-02	466095.5	3769814.4	323.0	3.40	4.51	3.16	YES
L0003633	0	0.42194E-02	466105.2	3769814.5	323.0	3.40	4.51	3.16	YES
L0003634	0	0.42194E-02	466114.9	3769814.7	323.0	3.40	4.51	3.16	YES
L0003635	0	0.42194E-02	466124.6	3769814.8	323.0	3.40	4.51	3.16	YES
L0003636	0	0.42194E-02	466134.3	3769815.0	322.9	3.40	4.51	3.16	YES
L0003637	0	0.42194E-02	466144.0	3769815.1	322.9	3.40	4.51	3.16	YES
L0003638	0	0.42194E-02	466153.7	3769815.3	322.9	3.40	4.51	3.16	YES
L0003639	0	0.42194E-02	466163.4	3769815.4	322.9	3.40	4.51	3.16	YES
L0003640	0	0.42194E-02	466173.1	3769815.5	322.9	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003643	0	0.42194E-02	466202.2	3769816.0	322.9	3.40	4.51	3.16	YES	
L0003644	0	0.42194E-02	466211.9	3769816.1	322.8	3.40	4.51	3.16	YES	
L0003645	0	0.42194E-02	466221.6	3769816.3	322.8	3.40	4.51	3.16	YES	
L0003646	0	0.42194E-02	466231.3	3769816.4	322.8	3.40	4.51	3.16	YES	
L0003647	0	0.42194E-02	466241.0	3769816.5	322.7	3.40	4.51	3.16	YES	
L0003648	0	0.42194E-02	466250.7	3769816.7	322.6	3.40	4.51	3.16	YES	
L0003649	0	0.42194E-02	466260.4	3769816.8	322.6	3.40	4.51	3.16	YES	
L0003650	0	0.42194E-02	466270.1	3769817.0	322.5	3.40	4.51	3.16	YES	
L0003651	0	0.42194E-02	466279.8	3769817.2	322.4	3.40	4.51	3.16	YES	
L0003652	0	0.42194E-02	466289.5	3769817.7	322.4	3.40	4.51	3.16	YES	
L0003653	0	0.42194E-02	466299.2	3769818.2	322.3	3.40	4.51	3.16	YES	
L0003654	0	0.42194E-02	466308.8	3769818.8	322.2	3.40	4.51	3.16	YES	
L0003655	0	0.42194E-02	466318.5	3769819.3	322.2	3.40	4.51	3.16	YES	
L0003656	0	0.42194E-02	466328.2	3769819.8	322.1	3.40	4.51	3.16	YES	
L0003657	0	0.42194E-02	466337.9	3769820.3	322.0	3.40	4.51	3.16	YES	
L0003658	0	0.42194E-02	466347.6	3769820.8	322.0	3.40	4.51	3.16	YES	
L0003659	0	0.42194E-02	466357.3	3769821.3	321.9	3.40	4.51	3.16	YES	
L0003660	0	0.42194E-02	466367.0	3769821.9	321.8	3.40	4.51	3.16	YES	
L0003661	0	0.42194E-02	466376.7	3769822.4	321.7	3.40	4.51	3.16	YES	

L0003662	0	0.42194E-02	466386.3	3769822.9	321.7	3.40	4.51	3.16	YES
L0003663	0	0.42194E-02	466396.0	3769823.4	321.7	3.40	4.51	3.16	YES
L0003664	0	0.42194E-02	466405.7	3769823.9	321.6	3.40	4.51	3.16	YES
L0003665	0	0.42194E-02	466415.4	3769824.4	321.6	3.40	4.51	3.16	YES
L0003666	0	0.42194E-02	466425.1	3769825.0	321.6	3.40	4.51	3.16	YES
L0003667	0	0.42194E-02	466434.8	3769825.5	321.6	3.40	4.51	3.16	YES
L0003668	0	0.42194E-02	466444.5	3769826.0	321.5	3.40	4.51	3.16	YES
L0003669	0	0.42194E-02	466454.1	3769826.5	321.5	3.40	4.51	3.16	YES
L0003670	0	0.42194E-02	466463.8	3769827.0	321.5	3.40	4.51	3.16	YES
L0003671	0	0.42194E-02	466473.5	3769827.5	321.4	3.40	4.51	3.16	YES
L0003672	0	0.42194E-02	466483.2	3769828.0	321.4	3.40	4.51	3.16	YES
L0003673	0	0.42194E-02	466492.9	3769828.6	321.3	3.40	4.51	3.16	YES
L0003674	0	0.42194E-02	466502.6	3769829.1	321.3	3.40	4.51	3.16	YES
L0003675	0	0.42194E-02	466512.3	3769829.6	321.2	3.40	4.51	3.16	YES
L0003676	0	0.42194E-02	466521.9	3769830.1	321.2	3.40	4.51	3.16	YES
L0003677	0	0.42194E-02	466531.6	3769830.6	321.2	3.40	4.51	3.16	YES
L0003678	0	0.42194E-02	466541.3	3769831.1	321.2	3.40	4.51	3.16	YES
L0003679	0	0.42194E-02	466551.0	3769831.7	321.2	3.40	4.51	3.16	YES
L0003680	0	0.42194E-02	466560.7	3769832.2	321.2	3.40	4.51	3.16	YES
L0003681	0	0.42194E-02	466570.4	3769832.7	321.2	3.40	4.51	3.16	YES
L0003682	0	0.42194E-02	466580.1	3769833.2	321.2	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY

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L0003683	0	0.42194E-02	466589.7	3769833.7	321.3	3.40	4.51	3.16	YES
L0003684	0	0.42194E-02	466599.4	3769834.2	321.3	3.40	4.51	3.16	YES
L0003685	0	0.42194E-02	466609.1	3769834.8	321.4	3.40	4.51	3.16	YES
L0003686	0	0.42194E-02	466618.8	3769835.1	321.4	3.40	4.51	3.16	YES
L0003687	0	0.42194E-02	466628.5	3769835.4	321.5	3.40	4.51	3.16	YES
L0003688	0	0.42194E-02	466638.2	3769835.6	321.6	3.40	4.51	3.16	YES
L0003689	0	0.42194E-02	466647.9	3769835.9	321.7	3.40	4.51	3.16	YES
L0003690	0	0.42194E-02	466657.6	3769836.1	321.7	3.40	4.51	3.16	YES
L0003691	0	0.42194E-02	466667.3	3769836.4	321.8	3.40	4.51	3.16	YES
L0003692	0	0.42194E-02	466677.0	3769836.6	321.9	3.40	4.51	3.16	YES
L0003693	0	0.42194E-02	466686.7	3769836.9	321.9	3.40	4.51	3.16	YES
L0003694	0	0.42194E-02	466696.4	3769837.1	322.0	3.40	4.51	3.16	YES
L0003695	0	0.42194E-02	466706.1	3769837.4	322.1	3.40	4.51	3.16	YES
L0003696	0	0.42194E-02	466715.8	3769837.6	322.1	3.40	4.51	3.16	YES
L0003697	0	0.42194E-02	466725.5	3769837.8	322.2	3.40	4.51	3.16	YES
L0003698	0	0.42194E-02	466735.2	3769838.1	322.3	3.40	4.51	3.16	YES
L0003699	0	0.42194E-02	466744.9	3769838.3	322.4	3.40	4.51	3.16	YES
L0003700	0	0.42194E-02	466754.6	3769838.6	322.4	3.40	4.51	3.16	YES
L0003701	0	0.42194E-02	466764.3	3769838.8	322.5	3.40	4.51	3.16	YES
L0003702	0	0.42194E-02	466774.0	3769839.1	322.6	3.40	4.51	3.16	YES
L0003703	0	0.42194E-02	466783.7	3769839.3	322.7	3.40	4.51	3.16	YES
L0003704	0	0.42194E-02	466793.4	3769839.6	322.7	3.40	4.51	3.16	YES
L0003705	0	0.42194E-02	466803.1	3769839.8	322.8	3.40	4.51	3.16	YES
L0003706	0	0.42194E-02	466812.7	3769840.2	322.9	3.40	4.51	3.16	YES
L0003707	0	0.42194E-02	466822.4	3769840.5	323.0	3.40	4.51	3.16	YES
L0003708	0	0.42194E-02	466832.1	3769840.9	323.1	3.40	4.51	3.16	YES
L0003709	0	0.42194E-02	466841.8	3769841.2	323.2	3.40	4.51	3.16	YES
L0003710	0	0.42194E-02	466851.5	3769841.6	323.2	3.40	4.51	3.16	YES
L0003711	0	0.42194E-02	466861.2	3769841.9	323.3	3.40	4.51	3.16	YES
L0003712	0	0.42194E-02	466870.9	3769842.3	323.4	3.40	4.51	3.16	YES

L0003713	0	0.42194E-02	466880.6	3769842.6	323.5	3.40	4.51	3.16	YES
L0003714	0	0.42194E-02	466890.3	3769843.0	323.6	3.40	4.51	3.16	YES
L0003715	0	0.42194E-02	466900.0	3769843.3	323.7	3.40	4.51	3.16	YES
L0003716	0	0.42194E-02	466909.7	3769843.6	323.8	3.40	4.51	3.16	YES
L0003717	0	0.42194E-02	466919.4	3769844.0	323.9	3.40	4.51	3.16	YES
L0003718	0	0.42194E-02	466929.1	3769844.3	324.0	3.40	4.51	3.16	YES
L0003719	0	0.42194E-02	466938.8	3769844.7	324.1	3.40	4.51	3.16	YES
L0003720	0	0.42194E-02	466948.5	3769845.0	324.2	3.40	4.51	3.16	YES
L0003721	0	0.42194E-02	466958.2	3769845.4	324.2	3.40	4.51	3.16	YES
L0003722	0	0.42194E-02	466967.8	3769845.7	324.2	3.40	4.51	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003723	0	0.42194E-02	466977.5	3769845.7	324.2	3.40	4.51	3.16	YES	
L0003724	0	0.42194E-02	466987.2	3769845.7	324.2	3.40	4.51	3.16	YES	
L0003725	0	0.42194E-02	466996.9	3769845.7	324.2	3.40	4.51	3.16	YES	
L0003726	0	0.42194E-02	467006.6	3769845.7	324.2	3.40	4.51	3.16	YES	
L0003727	0	0.42194E-02	467016.3	3769845.8	324.2	3.40	4.51	3.16	YES	
L0003728	0	0.42194E-02	467026.0	3769845.8	324.2	3.40	4.51	3.16	YES	
L0003729	0	0.42194E-02	467035.7	3769845.8	324.2	3.40	4.51	3.16	YES	
L0003730	0	0.42194E-02	467045.4	3769845.8	324.2	3.40	4.51	3.16	YES	
L0003731	0	0.42194E-02	467055.1	3769845.8	324.2	3.40	4.51	3.16	YES	
L0003732	0	0.42194E-02	467064.8	3769845.8	324.2	3.40	4.51	3.16	YES	

L0003733	0	0.42194E-02	467074.5	3769845.8	324.2	3.40	4.51	3.16	YES
L0003734	0	0.42194E-02	467084.2	3769845.8	324.2	3.40	4.51	3.16	YES
L0003735	0	0.42194E-02	467093.9	3769845.9	324.2	3.40	4.51	3.16	YES
L0003736	0	0.42194E-02	467103.6	3769845.9	324.1	3.40	4.51	3.16	YES
L0003737	0	0.42194E-02	467113.3	3769845.9	324.1	3.40	4.51	3.16	YES
L0003738	0	0.42194E-02	467123.0	3769845.9	324.1	3.40	4.51	3.16	YES
L0003739	0	0.42194E-02	467132.7	3769845.9	324.0	3.40	4.51	3.16	YES
L0003740	0	0.42194E-02	467142.4	3769845.9	324.0	3.40	4.51	3.16	YES
L0003741	0	0.42194E-02	467152.1	3769845.9	324.0	3.40	4.51	3.16	YES
L0003742	0	0.42194E-02	467161.8	3769845.9	323.9	3.40	4.51	3.16	YES
L0003743	0	0.42194E-02	467171.5	3769845.9	323.9	3.40	4.51	3.16	YES
L0003744	0	0.42194E-02	467181.2	3769846.0	323.8	3.40	4.51	3.16	YES
L0003745	0	0.42194E-02	467190.9	3769846.0	323.8	3.40	4.51	3.16	YES
L0003746	0	0.42194E-02	467200.6	3769846.0	323.8	3.40	4.51	3.16	YES
L0003747	0	0.42194E-02	467210.3	3769846.0	323.7	3.40	4.51	3.16	YES
L0003748	0	0.42194E-02	467220.0	3769846.0	323.7	3.40	4.51	3.16	YES
L0003749	0	0.42194E-02	467229.7	3769846.0	323.6	3.40	4.51	3.16	YES
L0003750	0	0.42194E-02	467239.4	3769846.0	323.6	3.40	4.51	3.16	YES
L0003751	0	0.42194E-02	467249.1	3769846.0	323.5	3.40	4.51	3.16	YES
L0003752	0	0.42194E-02	467258.8	3769846.1	323.4	3.40	4.51	3.16	YES
L0003753	0	0.42194E-02	467268.5	3769846.1	323.3	3.40	4.51	3.16	YES
L0003754	0	0.42194E-02	467278.2	3769846.1	323.2	3.40	4.51	3.16	YES
L0003755	0	0.42194E-02	467287.9	3769846.1	323.2	3.40	4.51	3.16	YES
L0003756	0	0.42194E-02	467297.6	3769846.1	323.1	3.40	4.51	3.16	YES
L0003757	0	0.42194E-02	467307.3	3769846.1	323.0	3.40	4.51	3.16	YES
L0003758	0	0.42194E-02	467317.0	3769846.1	322.9	3.40	4.51	3.16	YES
L0003759	0	0.42194E-02	467326.7	3769846.1	322.8	3.40	4.51	3.16	YES
L0003760	0	0.42194E-02	467336.4	3769846.2	322.7	3.40	4.51	3.16	YES
L0003761	0	0.42194E-02	467346.1	3769846.2	322.6	3.40	4.51	3.16	YES
L0003762	0	0.42194E-02	467355.8	3769846.2	322.5	3.40	4.51	3.16	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003763	0	0.42194E-02	467365.5	3769846.2	322.4	3.40	4.51	3.16	YES	
L0003764	0	0.42194E-02	467375.2	3769846.2	322.4	3.40	4.51	3.16	YES	
L0003765	0	0.42194E-02	467384.9	3769846.2	322.4	3.40	4.51	3.16	YES	
L0003766	0	0.42194E-02	467394.6	3769846.2	322.4	3.40	4.51	3.16	YES	
L0003767	0	0.42194E-02	467404.3	3769846.2	322.4	3.40	4.51	3.16	YES	
L0003768	0	0.42194E-02	467414.0	3769846.2	322.4	3.40	4.51	3.16	YES	
L0003769	0	0.42194E-02	467423.7	3769846.3	322.3	3.40	4.51	3.16	YES	
L0003770	0	0.42194E-02	467433.4	3769846.3	322.2	3.40	4.51	3.16	YES	
L0003771	0	0.42194E-02	467443.1	3769846.3	322.0	3.40	4.51	3.16	YES	
L0003772	0	0.42194E-02	467452.8	3769846.3	321.8	3.40	4.51	3.16	YES	
L0003773	0	0.42194E-02	467462.5	3769846.3	321.6	3.40	4.51	3.16	YES	
L0003774	0	0.42194E-02	467472.2	3769846.3	321.4	3.40	4.51	3.16	YES	
L0003775	0	0.42194E-02	467481.9	3769846.3	321.3	3.40	4.51	3.16	YES	
L0003776	0	0.42194E-02	467491.6	3769846.3	321.2	3.40	4.51	3.16	YES	
L0003519	0	0.14286E+00	465521.2	3769930.5	322.1	3.40	4.51	3.16	YES	
L0003520	0	0.14286E+00	465530.9	3769930.5	322.1	3.40	4.51	3.16	YES	
L0003521	0	0.14286E+00	465540.6	3769930.6	322.1	3.40	4.51	3.16	YES	
L0003522	0	0.14286E+00	465550.3	3769930.6	322.1	3.40	4.51	3.16	YES	
L0003523	0	0.14286E+00	465560.0	3769930.7	322.1	3.40	4.51	3.16	YES	
L0003524	0	0.14286E+00	465569.7	3769930.8	322.1	3.40	4.51	3.16	YES	
L0003525	0	0.14286E+00	465579.4	3769930.8	322.1	3.40	4.51	3.16	YES	

L0003533	0	0.14286E+00	465521.2	3769930.5	322.1	3.40	4.51	3.16	YES
L0003534	0	0.14286E+00	465530.9	3769930.5	322.1	3.40	4.51	3.16	YES
L0003535	0	0.14286E+00	465540.6	3769930.6	322.1	3.40	4.51	3.16	YES
L0003536	0	0.14286E+00	465550.3	3769930.6	322.1	3.40	4.51	3.16	YES
L0003537	0	0.14286E+00	465560.0	3769930.7	322.1	3.40	4.51	3.16	YES
L0003538	0	0.14286E+00	465569.7	3769930.8	322.1	3.40	4.51	3.16	YES
L0003539	0	0.14286E+00	465579.4	3769930.8	322.1	3.40	4.51	3.16	YES
L0003777	0	0.52632E-01	465518.2	3769930.4	322.1	3.40	1.72	3.16	YES
L0003778	0	0.52632E-01	465521.9	3769930.5	322.1	3.40	1.72	3.16	YES
L0003779	0	0.52632E-01	465525.6	3769930.5	322.1	3.40	1.72	3.16	YES
L0003780	0	0.52632E-01	465529.3	3769930.5	322.1	3.40	1.72	3.16	YES
L0003781	0	0.52632E-01	465533.0	3769930.5	322.1	3.40	1.72	3.16	YES
L0003782	0	0.52632E-01	465536.7	3769930.6	322.1	3.40	1.72	3.16	YES
L0003783	0	0.52632E-01	465540.4	3769930.6	322.1	3.40	1.72	3.16	YES
L0003784	0	0.52632E-01	465544.1	3769930.6	322.1	3.40	1.72	3.16	YES
L0003785	0	0.52632E-01	465547.8	3769930.6	322.1	3.40	1.72	3.16	YES
L0003786	0	0.52632E-01	465551.5	3769930.6	322.1	3.40	1.72	3.16	YES
L0003787	0	0.52632E-01	465555.2	3769930.7	322.1	3.40	1.72	3.16	YES
L0003788	0	0.52632E-01	465558.9	3769930.7	322.1	3.40	1.72	3.16	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003789	0	0.52632E-01	465562.6	3769930.7	322.1	3.40	1.72	3.16	YES	
L0003790	0	0.52632E-01	465566.3	3769930.7	322.1	3.40	1.72	3.16	YES	

L0003791	0	0.52632E-01	465570.0	3769930.8	322.1	3.40	1.72	3.16	YES
L0003792	0	0.52632E-01	465573.7	3769930.8	322.1	3.40	1.72	3.16	YES
L0003793	0	0.52632E-01	465577.4	3769930.8	322.1	3.40	1.72	3.16	YES
L0003794	0	0.52632E-01	465581.1	3769930.8	322.0	3.40	1.72	3.16	YES
L0003795	0	0.52632E-01	465584.8	3769930.9	322.0	3.40	1.72	3.16	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***       01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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  LIFT   L0003533   , L0003534   , L0003535   , L0003536   , L0003537   , L0003538   ,
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  IDLE   L0003777   , L0003778   , L0003779   , L0003780   , L0003781   , L0003782   ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000176 , L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 ,
	L0000184 , L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 ,
	L0000192 , L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 ,
	L0000200 , L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 ,
	L0000208 , L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 ,
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	L0000264 , L0000265 , L0000266 , L0000267 , L0000268 , L0000269 , L0000270 , L0000271 ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0003813 , L0003814 , L0003815 , L0003816 , L0003817 , L0003818 , L0003819 , L0003820 ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                  SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0003003 , L0003004 ,

L0003005 , L0003006 , L0003007 , L0003008 , L0003009 , L0003010 ,
L0003011 , L0003012 ,

L0003013 , L0003014 , L0003015 , L0003016 , L0003017 , L0003018 ,
L0003019 , L0003020 ,

L0003021 , L0003022 , L0003023 , L0003024 , L0003025 , L0003026 ,
L0003027 , L0003028 ,

L0003029 , L0003030 , L0003031 , L0003032 , L0003033 , L0003034 ,
L0003035 , L0003036 ,

L0003037 , L0003038 , L0003039 , L0003040 , L0003041 , L0003042 ,
L0003043 , L0003044 ,

L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 ,
L0003051 , L0003052 ,

L0003053 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 ,

L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 ,

L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 ,

L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 ,

L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 ,
L0000038 , L0000039 ,

L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 ,
L0000046 , L0000047 ,

L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 ,

L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,

L0000062   , L0000063   ,

             L0000064   , L0000065   , L0000066   , L0000067   , L0000068   , L0000069   ,
L0000070   , L0000071   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

             L0000072   , L0000073   , L0000074   , L0000075   , L0000076   , L0000077   ,
L0000078   , L0000079   ,

             L0000080   , L0000081   , L0000082   , L0000083   , L0000084   , L0000085   ,
L0000086   , L0000087   ,

             L0000088   , L0000089   , L0000090   , L0000091   , L0000092   , L0000093   ,
L0000094   , L0000095   ,

             L0000096   , L0000097   , L0000098   , L0000099   , L0000100   , L0000101   ,
L0000102   , L0000103   ,

             L0000104   , L0000105   , L0000106   , L0000107   , L0000108   , L0000109   ,
L0000110   , L0000111   ,

             L0000112   , L0000113   , L0000114   , L0000115   , L0000116   , L0000117   ,
L0000118   , L0000119   ,

             L0000120   , L0000121   , L0000122   , L0000123   , L0000124   , L0000125   ,
L0000126   , L0000127   ,

             L0000128   , L0000129   , L0000130   , L0000131   , L0000132   , L0000133   ,
L0000134   , L0000135   ,

             L0000136   , L0000137   , L0000138   , L0000139   , L0000140   , L0000141   ,
L0000142   , L0000143   ,

             L0000144   , L0000145   , L0000146   , L0000147   , L0000148   , L0000149   ,
L0000150   , L0000151   ,

             L0000152   , L0000153   , L0000154   , L0000155   , L0000156   , L0000157   ,
L0000158   , L0000159   ,

             L0000160   , L0000161   , L0000162   , L0000163   , L0000164   , L0000165   ,
L0000166   , L0000167   ,

             L0000168   , L0000169   , L0000170   , L0000171   , L0000172   , L0000173   ,
L0000174   , L0000175   ,

             L0000176   , L0000177   , L0000178   , L0000179   , L0000180   , L0000181   ,
L0000182   , L0000183   ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000232 , L0000233 , L0000234 , L0000235 , L0000236 , L0000237 ,
L0000238 , L0000239 ,

L0000240 , L0000241 , L0000242 , L0000243 , L0000244 , L0000245 ,
L0000246 , L0000247 ,

L0000248 , L0000249 , L0000250 , L0000251 , L0000252 , L0000253 ,
L0000254 , L0000255 ,

L0000256 , L0000257 , L0000258 , L0000259 , L0000260 , L0000261 ,
L0000262 , L0000263 ,

L0000264 , L0000265 , L0000266 , L0000267 , L0000268 , L0000269 ,
L0000270 , L0000271 ,

L0000272 , L0000273 , L0000274 , L0000275 , L0000276 , L0000277 ,
L0000278 , L0000279 ,

L0000280 , L0000281 , L0000282 , L0000283 , L0000284 , L0000285 ,
L0000286 , L0000287 ,

L0000288 , L0000289 , L0000290 , L0000291 , L0000292 , L0000293 ,
L0000294 , L0000295 ,

L0000296 , L0000297 , L0000298 , L0000299 , L0000300 , L0000301 ,
L0000302 , L0000303 ,

L0000304 , L0000305 , L0000306 , L0000307 , L0000308 , L0000309 ,
L0000310 , L0000311 ,

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             L0000312    , L0000313    , L0000314    , L0000315    , L0000316    , L0000317    ,
L0003803    , L0003804    ,

             L0003805    , L0003806    , L0003807    , L0003808    , L0003809    , L0003810    ,
L0003811    , L0003812    ,

             L0003813    , L0003814    , L0003815    , L0003816    , L0003817    , L0003818    ,
L0003819    , L0003820    ,

             L0003821    , L0003822    , L0003823    , L0003824    , L0003825    , L0003826    ,
L0003827    , L0003828    ,

             L0003829    , L0003830    , L0003831    , L0003832    , L0003833    , L0003834    ,
L0003835    , L0003836    ,

             L0003837    , L0003838    , L0003839    , L0003840    , L0003841    , L0003842    ,
L0003843    , L0003844    ,

             L0003845    , L0003846    , L0003847    , L0003848    , L0003849    , L0003850    ,
L0003851    , L0003852    ,

             L0003853    , L0003854    , L0003855    , L0003856    , L0003857    , L0003858    ,
L0003859    , L0003860    ,

             L0003861    , L0003862    , L0003863    , L0003864    , L0003865    , L0003866    ,
L0003867    , L0003868    ,

             L0003869    , L0003870    , L0003871    , L0003872    , L0003873    , L0003874    ,
L0003875    , L0003876    ,
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                SOURCE IDs
  --------   ---------                                ----------


             L0003877    , L0003878    , L0003879    , L0003880    , L0003881    , L0003882    ,
L0003883    , L0003884    ,

             L0003885    , L0003886    , L0003887    , L0003888    , L0003889    , L0003890    ,
L0003891    , L0003892    ,

             L0003893    , L0003894    , L0003895    , L0003896    , L0003897    , L0003898    ,
L0003899    , L0003900    ,

             L0003901    , L0003902    , L0003903    , L0003904    , L0003905    , L0003906    ,
L0003907    , L0003908    ,

             L0003909    , L0003910    , L0003911    , L0003912    , L0003913    , L0003914    ,
L0003915    , L0003916    ,

             L0003917    , L0003918    , L0003919    , L0003920    , L0003921    , L0003922    ,
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L0003923   , L0003924   ,

             L0003925   , L0003926   , L0003927   , L0003928   , L0003929   , L0003930   ,
L0003931   , L0003932   ,

             L0003933   , L0003934   , L0003935   , L0003936   , L0003937   , L0003938   ,
L0003939   , L0003940   ,

             L0003941   , L0003942   , L0003943   , L0003944   , L0003945   , L0003946   ,
L0003947   , L0003948   ,

             L0003949   , L0003950   , L0003951   , L0003952   , L0003953   , L0003954   ,
L0003955   , L0003956   ,

             L0003957   , L0003958   , L0003959   , L0003960   , L0003961   , L0003962   ,
L0003963   , L0003964   ,

             L0003965   , L0003966   , L0003967   , L0003968   , L0003969   , L0003970   ,
L0003971   , L0003972   ,

             L0003973   , L0003540   , L0003541   , L0003542   , L0003543   , L0003544   ,
L0003545   , L0003546   ,

             L0003547   , L0003548   , L0003549   , L0003550   , L0003551   , L0003552   ,
L0003553   , L0003554   ,

             L0003555   , L0003556   , L0003557   , L0003558   , L0003559   , L0003560   ,
L0003561   , L0003562   ,

             L0003563   , L0003564   , L0003565   , L0003566   , L0003567   , L0003568   ,
L0003569   , L0003570   ,

             L0003571   , L0003572   , L0003573   , L0003574   , L0003575   , L0003576   ,
L0003577   , L0003578   ,

             L0003579   , L0003580   , L0003581   , L0003582   , L0003583   , L0003584   ,
L0003585   , L0003586   ,

             L0003587   , L0003588   , L0003589   , L0003590   , L0003591   , L0003592   ,
L0003593   , L0003594   ,

             L0003595   , L0003596   , L0003597   , L0003598   , L0003599   , L0003600   ,
L0003601   , L0003602   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

             L0003603   , L0003604   , L0003605   , L0003606   , L0003607   , L0003608   ,
L0003609   , L0003610   ,

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             L0003611    , L0003612    , L0003613    , L0003614    , L0003615    , L0003616    ,
L0003617    , L0003618    ,

             L0003619    , L0003620    , L0003621    , L0003622    , L0003623    , L0003624    ,
L0003625    , L0003626    ,

             L0003627    , L0003628    , L0003629    , L0003630    , L0003631    , L0003632    ,
L0003633    , L0003634    ,

             L0003635    , L0003636    , L0003637    , L0003638    , L0003639    , L0003640    ,
L0003641    , L0003642    ,

             L0003643    , L0003644    , L0003645    , L0003646    , L0003647    , L0003648    ,
L0003649    , L0003650    ,

             L0003651    , L0003652    , L0003653    , L0003654    , L0003655    , L0003656    ,
L0003657    , L0003658    ,

             L0003659    , L0003660    , L0003661    , L0003662    , L0003663    , L0003664    ,
L0003665    , L0003666    ,

             L0003667    , L0003668    , L0003669    , L0003670    , L0003671    , L0003672    ,
L0003673    , L0003674    ,

             L0003675    , L0003676    , L0003677    , L0003678    , L0003679    , L0003680    ,
L0003681    , L0003682    ,

             L0003683    , L0003684    , L0003685    , L0003686    , L0003687    , L0003688    ,
L0003689    , L0003690    ,

             L0003691    , L0003692    , L0003693    , L0003694    , L0003695    , L0003696    ,
L0003697    , L0003698    ,

             L0003699    , L0003700    , L0003701    , L0003702    , L0003703    , L0003704    ,
L0003705    , L0003706    ,

             L0003707    , L0003708    , L0003709    , L0003710    , L0003711    , L0003712    ,
L0003713    , L0003714    ,

             L0003715    , L0003716    , L0003717    , L0003718    , L0003719    , L0003720    ,
L0003721    , L0003722    ,

             L0003723    , L0003724    , L0003725    , L0003726    , L0003727    , L0003728    ,
L0003729    , L0003730    ,

             L0003731    , L0003732    , L0003733    , L0003734    , L0003735    , L0003736    ,
L0003737    , L0003738    ,

             L0003739    , L0003740    , L0003741    , L0003742    , L0003743    , L0003744    ,
L0003745    , L0003746    ,

             L0003747    , L0003748    , L0003749    , L0003750    , L0003751    , L0003752    ,
L0003753    , L0003754    ,

             L0003755    , L0003756    , L0003757    , L0003758    , L0003759    , L0003760    ,
L0003761    , L0003762    ,
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***       01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***       15:16:13
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0003763 , L0003764 , L0003765 , L0003766 , L0003767 , L0003768 , L0003769 , L0003770 ,

L0003771 , L0003772 , L0003773 , L0003774 , L0003775 , L0003776 , L0003519 , L0003520 ,

L0003521 , L0003522 , L0003523 , L0003524 , L0003525 , L0003533 , L0003534 , L0003535 ,

L0003536 , L0003537 , L0003538 , L0003539 , L0003777 , L0003778 , L0003779 , L0003780 ,

L0003781 , L0003782 , L0003783 , L0003784 , L0003785 , L0003786 , L0003787 , L0003788 ,

L0003789 , L0003790 , L0003791 , L0003792 , L0003793 , L0003794 , L0003795 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(465946.3, 3769266.8, 310.1, 310.1, 0.0); (465971.3, 3769266.8, 309.6, 313.2, 0.0);
(465996.3, 3769266.8, 311.9, 311.9, 0.0); (466021.3, 3769266.8, 314.4, 314.4, 0.0);
(466046.3, 3769266.8, 316.1, 316.1, 0.0); (466071.3, 3769266.8, 316.9, 316.9, 0.0);
(466096.3, 3769266.8, 317.0, 317.0, 0.0); (466121.3, 3769266.8, 317.4, 317.4, 0.0);
(466146.3, 3769266.8, 318.2, 318.2, 0.0); (466171.3, 3769266.8, 319.1, 319.1, 0.0);
(466196.3, 3769266.8, 319.6, 319.6, 0.0); (465946.3, 3769291.8, 309.5, 309.5, 0.0);
(465971.3, 3769291.8, 310.2, 314.7, 0.0); (465996.3, 3769291.8, 313.3, 313.3, 0.0);
(466021.3, 3769291.8, 315.1, 315.1, 0.0); (466046.3, 3769291.8, 316.3, 316.3, 0.0);
(466071.3, 3769291.8, 316.8, 316.8, 0.0); (466096.3, 3769291.8, 316.8, 316.8, 0.0);
(466121.3, 3769291.8, 317.3, 317.3, 0.0); (466146.3, 3769291.8, 318.3, 318.3, 0.0);
(466171.3, 3769291.8, 319.0, 319.0, 0.0); (466196.3, 3769291.8, 319.3, 319.3, 0.0);

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    ( 465946.3, 3769316.8,     309.5,     309.5,       0.0);        ( 465971.3, 3769316.8,
312.0,     312.0,       0.0);
    ( 465996.3, 3769316.8,     314.5,     314.5,       0.0);        ( 466021.3, 3769316.8,
315.7,     315.7,       0.0);
    ( 466046.3, 3769316.8,     316.3,     316.3,       0.0);        ( 466071.3, 3769316.8,
316.5,     316.5,       0.0);
    ( 466096.3, 3769316.8,     316.5,     316.5,       0.0);        ( 466121.3, 3769316.8,
316.9,     316.9,       0.0);
    ( 466146.3, 3769316.8,     318.2,     318.2,       0.0);        ( 466171.3, 3769316.8,
318.8,     318.8,       0.0);
    ( 466196.3, 3769316.8,     318.9,     318.9,       0.0);        ( 465946.3, 3769341.8,
311.3,     311.3,       0.0);
    ( 465971.3, 3769341.8,     312.9,     312.9,       0.0);        ( 465996.3, 3769341.8,
314.9,     314.9,       0.0);
    ( 466021.3, 3769341.8,     315.8,     315.8,       0.0);        ( 466046.3, 3769341.8,
316.2,     316.2,       0.0);
    ( 466071.3, 3769341.8,     316.4,     316.4,       0.0);        ( 466096.3, 3769341.8,
316.3,     316.3,       0.0);
    ( 466121.3, 3769341.8,     316.7,     316.7,       0.0);        ( 466146.3, 3769341.8,
318.0,     318.0,       0.0);
    ( 466171.3, 3769341.8,     318.6,     318.6,       0.0);        ( 466196.3, 3769341.8,
318.6,     318.6,       0.0);
    ( 465946.3, 3769366.8,     313.0,     313.0,       0.0);        ( 465971.3, 3769366.8,
313.8,     313.8,       0.0);
    ( 465996.3, 3769366.8,     315.1,     315.1,       0.0);        ( 466021.3, 3769366.8,
315.8,     315.8,       0.0);
    ( 466046.3, 3769366.8,     316.2,     316.2,       0.0);        ( 466071.3, 3769366.8,
316.3,     316.3,       0.0);
    ( 466096.3, 3769366.8,     316.3,     316.3,       0.0);        ( 466121.3, 3769366.8,
316.8,     316.8,       0.0);
    ( 466146.3, 3769366.8,     318.0,     318.0,       0.0);        ( 466171.3, 3769366.8,
318.4,     318.4,       0.0);
    ( 466196.3, 3769366.8,     318.3,     318.3,       0.0);        ( 464696.3, 3770066.8,
331.1,     331.1,       0.0);
    ( 464721.3, 3770066.8,     331.1,     331.1,       0.0);        ( 464746.3, 3770066.8,
331.1,     331.1,       0.0);
    ( 464771.3, 3770066.8,     331.2,     331.2,       0.0);        ( 464796.3, 3770066.8,
331.4,     331.4,       0.0);
    ( 464821.3, 3770066.8,     331.7,     331.7,       0.0);        ( 464846.3, 3770066.8,
331.8,     331.8,       0.0);
    ( 464871.3, 3770066.8,     331.8,     331.8,       0.0);        ( 464896.3, 3770066.8,
331.7,     331.7,       0.0);
    ( 464921.3, 3770066.8,     331.8,     331.8,       0.0);        ( 464946.3, 3770066.8,
331.7,     331.7,       0.0);
    ( 464971.3, 3770066.8,     331.1,     331.1,       0.0);        ( 464996.3, 3770066.8,
330.5,     330.5,       0.0);
    ( 465021.3, 3770066.8,     330.0,     330.0,       0.0);        ( 464696.3, 3770091.8,
331.5,     331.5,       0.0);
    ( 464721.3, 3770091.8,     331.4,     331.4,       0.0);        ( 464746.3, 3770091.8,
331.4,     331.4,       0.0);
    ( 464771.3, 3770091.8,     331.4,     331.4,       0.0);        ( 464796.3, 3770091.8,
331.6,     331.6,       0.0);
    ( 464821.3, 3770091.8,     332.0,     332.0,       0.0);        ( 464846.3, 3770091.8,
332.1,     332.1,       0.0);
    ( 464871.3, 3770091.8,     332.1,     332.1,       0.0);        ( 464896.3, 3770091.8,
332.1,     332.1,       0.0);
    ( 464921.3, 3770091.8,     332.2,     332.2,       0.0);        ( 464946.3, 3770091.8,
332.1,     332.1,       0.0);
    ( 464971.3, 3770091.8,     331.6,     331.6,       0.0);        ( 464996.3, 3770091.8,
331.0,     331.0,       0.0);
    ( 465021.3, 3770091.8,     330.4,     330.4,       0.0);        ( 464696.3, 3770116.8,
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331.8,   331.8,   0.0);
     (464721.3, 3770116.8,   331.7,   331.7,   0.0);   (464746.3, 3770116.8,
331.7,   331.7,   0.0);
     (464771.3, 3770116.8,   331.7,   331.7,   0.0);   (464796.3, 3770116.8,
331.7,   331.7,   0.0);
     (464821.3, 3770116.8,   332.0,   332.0,   0.0);   (464846.3, 3770116.8,
332.2,   332.2,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (464871.3, 3770116.8,   332.2,   332.2,   0.0);   (464896.3, 3770116.8,
332.2,   332.2,   0.0);
     (464921.3, 3770116.8,   332.2,   332.2,   0.0);   (464946.3, 3770116.8,
332.2,   332.2,   0.0);
     (464971.3, 3770116.8,   331.9,   331.9,   0.0);   (464996.3, 3770116.8,
331.3,   331.3,   0.0);
     (465021.3, 3770116.8,   330.8,   330.8,   0.0);   (465046.3, 3770116.8,
330.5,   330.5,   0.0);
     (465071.3, 3770116.8,   330.4,   330.4,   0.0);   (464696.3, 3770141.8,
332.2,   332.2,   0.0);
     (464721.3, 3770141.8,   332.1,   332.1,   0.0);   (464746.3, 3770141.8,
332.0,   332.0,   0.0);
     (464771.3, 3770141.8,   332.0,   332.0,   0.0);   (464796.3, 3770141.8,
332.0,   332.0,   0.0);
     (464821.3, 3770141.8,   332.2,   332.2,   0.0);   (464846.3, 3770141.8,
332.3,   332.3,   0.0);
     (464871.3, 3770141.8,   332.4,   332.4,   0.0);   (464896.3, 3770141.8,
332.4,   332.4,   0.0);
     (464921.3, 3770141.8,   332.4,   332.4,   0.0);   (464946.3, 3770141.8,
332.3,   332.3,   0.0);
     (464971.3, 3770141.8,   332.1,   332.1,   0.0);   (464996.3, 3770141.8,
331.6,   331.6,   0.0);
     (465021.3, 3770141.8,   331.1,   331.1,   0.0);   (465046.3, 3770141.8,
330.9,   330.9,   0.0);
     (465071.3, 3770141.8,   330.9,   330.9,   0.0);   (464696.3, 3770166.8,
332.5,   332.5,   0.0);
     (464721.3, 3770166.8,   332.5,   332.5,   0.0);   (464746.3, 3770166.8,
332.4,   332.4,   0.0);
     (464771.3, 3770166.8,   332.4,   332.4,   0.0);   (464796.3, 3770166.8,
332.4,   332.4,   0.0);
     (464821.3, 3770166.8,   332.4,   332.4,   0.0);   (464846.3, 3770166.8,
332.4,   332.4,   0.0);
     (464871.3, 3770166.8,   332.4,   332.4,   0.0);   (464896.3, 3770166.8,
332.4,   332.4,   0.0);
     (464921.3, 3770166.8,   332.4,   332.4,   0.0);   (464946.3, 3770166.8,
332.4,   332.4,   0.0);
     (464971.3, 3770166.8,   332.2,   332.2,   0.0);   (464996.3, 3770166.8,
331.8,   331.8,   0.0);
     (465021.3, 3770166.8,   331.4,   331.4,   0.0);   (465046.3, 3770166.8,
331.2,   331.2,   0.0);
     (465071.3, 3770166.8,   331.2,   331.2,   0.0);   (464696.3, 3770191.8,
333.0,   333.0,   0.0);

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     ( 464721.3, 3770191.8,     332.9,     332.9,       0.0);         ( 464746.3, 3770191.8,
332.9,     332.9,       0.0);
     ( 464771.3, 3770191.8,     332.9,     332.9,       0.0);         ( 464796.3, 3770191.8,
332.8,     332.8,       0.0);
     ( 464821.3, 3770191.8,     332.7,     332.7,       0.0);         ( 464846.3, 3770191.8,
332.6,     332.6,       0.0);
     ( 464871.3, 3770191.8,     332.6,     332.6,       0.0);         ( 464896.3, 3770191.8,
332.6,     332.6,       0.0);
     ( 464921.3, 3770191.8,     332.6,     332.6,       0.0);         ( 464946.3, 3770191.8,
332.5,     332.5,       0.0);
     ( 464971.3, 3770191.8,     332.4,     332.4,       0.0);         ( 464996.3, 3770191.8,
332.1,     332.1,       0.0);
     ( 465021.3, 3770191.8,     331.8,     331.8,       0.0);         ( 465046.3, 3770191.8,
331.6,     331.6,       0.0);
     ( 465071.3, 3770191.8,     331.5,     331.5,       0.0);         ( 465096.3, 3770191.8,
331.5,     331.5,       0.0);
     ( 465121.3, 3770191.8,     331.5,     331.5,       0.0);         ( 464696.3, 3770216.8,
333.5,     333.5,       0.0);
     ( 464721.3, 3770216.8,     333.5,     333.5,       0.0);         ( 464746.3, 3770216.8,
333.4,     333.4,       0.0);
     ( 464771.3, 3770216.8,     333.4,     333.4,       0.0);         ( 464796.3, 3770216.8,
333.2,     333.2,       0.0);
     ( 464821.3, 3770216.8,     333.1,     333.1,       0.0);         ( 464846.3, 3770216.8,
333.0,     333.0,       0.0);
     ( 464871.3, 3770216.8,     333.0,     333.0,       0.0);         ( 464896.3, 3770216.8,
333.0,     333.0,       0.0);
     ( 464921.3, 3770216.8,     333.0,     333.0,       0.0);         ( 464946.3, 3770216.8,
332.9,     332.9,       0.0);
     ( 464971.3, 3770216.8,     332.8,     332.8,       0.0);         ( 464996.3, 3770216.8,
332.5,     332.5,       0.0);
     ( 465021.3, 3770216.8,     332.2,     332.2,       0.0);         ( 465046.3, 3770216.8,
332.1,     332.1,       0.0);
     ( 465071.3, 3770216.8,     332.0,     332.0,       0.0);         ( 465096.3, 3770216.8,
332.1,     332.1,       0.0);
     ( 465121.3, 3770216.8,     332.0,     332.0,       0.0);         ( 464696.3, 3770241.8,
333.9,     333.9,       0.0);
     ( 464721.3, 3770241.8,     334.0,     334.0,       0.0);         ( 464746.3, 3770241.8,
333.9,     333.9,       0.0);
     ( 464771.3, 3770241.8,     333.9,     333.9,       0.0);         ( 464796.3, 3770241.8,
333.8,     333.8,       0.0);
     ( 464821.3, 3770241.8,     333.7,     333.7,       0.0);         ( 464846.3, 3770241.8,
333.5,     333.5,       0.0);
     ( 464871.3, 3770241.8,     333.5,     333.5,       0.0);         ( 464896.3, 3770241.8,
333.4,     333.4,       0.0);
     ( 464921.3, 3770241.8,     333.4,     333.4,       0.0);         ( 464946.3, 3770241.8,
333.3,     333.3,       0.0);
     ( 464971.3, 3770241.8,     333.2,     333.2,       0.0);         ( 464996.3, 3770241.8,
333.0,     333.0,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 465021.3, 3770241.8,     332.7,     332.7,       0.0);         ( 465046.3, 3770241.8,
```

```
332.5,     332.5,       0.0);
     ( 465071.3, 3770241.8,     332.6,     332.6,       0.0);         ( 465096.3, 3770241.8,
332.6,     332.6,       0.0);
     ( 465121.3, 3770241.8,     332.6,     332.6,       0.0);         ( 464696.3, 3770266.8,
334.1,     334.1,       0.0);
     ( 464721.3, 3770266.8,     334.1,     334.1,       0.0);         ( 464746.3, 3770266.8,
334.0,     334.0,       0.0);
     ( 464771.3, 3770266.8,     334.0,     334.0,       0.0);         ( 464796.3, 3770266.8,
333.9,     333.9,       0.0);
     ( 464821.3, 3770266.8,     333.9,     333.9,       0.0);         ( 464846.3, 3770266.8,
333.7,     333.7,       0.0);
     ( 464871.3, 3770266.8,     333.6,     333.6,       0.0);         ( 464896.3, 3770266.8,
333.7,     333.7,       0.0);
     ( 464921.3, 3770266.8,     333.6,     333.6,       0.0);         ( 464946.3, 3770266.8,
333.4,     333.4,       0.0);
     ( 464971.3, 3770266.8,     333.4,     333.4,       0.0);         ( 464996.3, 3770266.8,
333.2,     333.2,       0.0);
     ( 465021.3, 3770266.8,     332.9,     332.9,       0.0);         ( 465046.3, 3770266.8,
332.9,     332.9,       0.0);
     ( 465071.3, 3770266.8,     332.9,     332.9,       0.0);         ( 465096.3, 3770266.8,
332.8,     332.8,       0.0);
     ( 465121.3, 3770266.8,     332.7,     332.7,       0.0);         ( 464696.3, 3770291.8,
334.4,     334.4,       0.0);
     ( 464721.3, 3770291.8,     334.4,     334.4,       0.0);         ( 464746.3, 3770291.8,
334.3,     334.3,       0.0);
     ( 464771.3, 3770291.8,     334.2,     334.2,       0.0);         ( 464796.3, 3770291.8,
334.1,     334.1,       0.0);
     ( 464821.3, 3770291.8,     334.3,     334.3,       0.0);         ( 464846.3, 3770291.8,
334.1,     334.1,       0.0);
     ( 464871.3, 3770291.8,     334.0,     334.0,       0.0);         ( 464896.3, 3770291.8,
334.2,     334.2,       0.0);
     ( 464921.3, 3770291.8,     334.1,     334.1,       0.0);         ( 464946.3, 3770291.8,
333.7,     333.7,       0.0);
     ( 464971.3, 3770291.8,     333.8,     333.8,       0.0);         ( 464996.3, 3770291.8,
333.6,     333.6,       0.0);
     ( 465021.3, 3770291.8,     333.2,     333.2,       0.0);         ( 465046.3, 3770291.8,
333.1,     333.1,       0.0);
     ( 465071.3, 3770291.8,     333.1,     333.1,       0.0);         ( 465096.3, 3770291.8,
333.0,     333.0,       0.0);
     ( 465121.3, 3770291.8,     332.7,     332.7,       0.0);         ( 464696.3, 3770316.8,
334.7,     334.7,       0.0);
     ( 464721.3, 3770316.8,     334.6,     334.6,       0.0);         ( 464746.3, 3770316.8,
334.5,     334.5,       0.0);
     ( 464771.3, 3770316.8,     334.4,     334.4,       0.0);         ( 464796.3, 3770316.8,
334.3,     334.3,       0.0);
     ( 464821.3, 3770316.8,     334.7,     334.7,       0.0);         ( 464846.3, 3770316.8,
334.6,     334.6,       0.0);
     ( 464871.3, 3770316.8,     334.4,     334.4,       0.0);         ( 464896.3, 3770316.8,
334.8,     334.8,       0.0);
     ( 464921.3, 3770316.8,     334.6,     334.6,       0.0);         ( 464946.3, 3770316.8,
334.2,     334.2,       0.0);
     ( 464971.3, 3770316.8,     334.3,     334.3,       0.0);         ( 464996.3, 3770316.8,
333.9,     333.9,       0.0);
     ( 465021.3, 3770316.8,     333.4,     333.4,       0.0);         ( 465046.3, 3770316.8,
333.1,     333.1,       0.0);
     ( 465071.3, 3770316.8,     332.8,     332.8,       0.0);         ( 465096.3, 3770316.8,
332.7,     332.7,       0.0);
     ( 465121.3, 3770316.8,     332.3,     332.3,       0.0);         ( 464696.3, 3770341.8,
334.7,     334.7,       0.0);
     ( 464721.3, 3770341.8,     334.6,     334.6,       0.0);         ( 464746.3, 3770341.8,
334.6,     334.6,       0.0);
```

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     ( 464771.3, 3770341.8,     334.4,     334.4,       0.0);         ( 464796.3, 3770341.8,
334.5,     334.5,       0.0);
     ( 464821.3, 3770341.8,     335.0,     335.0,       0.0);         ( 464846.3, 3770341.8,
334.9,     334.9,       0.0);
     ( 464871.3, 3770341.8,     334.8,     334.8,       0.0);         ( 464896.3, 3770341.8,
335.2,     335.2,       0.0);
     ( 464921.3, 3770341.8,     335.1,     335.1,       0.0);         ( 464946.3, 3770341.8,
334.6,     334.6,       0.0);
     ( 464971.3, 3770341.8,     334.6,     334.6,       0.0);         ( 464996.3, 3770341.8,
334.2,     334.2,       0.0);
     ( 465021.3, 3770341.8,     333.5,     333.5,       0.0);         ( 465046.3, 3770341.8,
332.7,     332.7,       0.0);
     ( 465071.3, 3770341.8,     332.1,     332.1,       0.0);         ( 465096.3, 3770341.8,
331.9,     331.9,       0.0);
     ( 465121.3, 3770341.8,     331.7,     331.7,       0.0);         ( 464696.3, 3770366.8,
335.0,     335.0,       0.0);
     ( 464721.3, 3770366.8,     334.9,     334.9,       0.0);         ( 464746.3, 3770366.8,
334.8,     334.8,       0.0);
     ( 464771.3, 3770366.8,     334.6,     334.6,       0.0);         ( 464796.3, 3770366.8,
334.6,     334.6,       0.0);
     ( 464821.3, 3770366.8,     335.2,     335.2,       0.0);         ( 464846.3, 3770366.8,
335.3,     335.3,       0.0);
     ( 464871.3, 3770366.8,     335.1,     335.1,       0.0);         ( 464896.3, 3770366.8,
335.5,     335.5,       0.0);
     ( 464921.3, 3770366.8,     335.5,     335.5,       0.0);         ( 464946.3, 3770366.8,
335.0,     335.0,       0.0);
     ( 464971.3, 3770366.8,     335.0,     335.0,       0.0);         ( 464996.3, 3770366.8,
334.4,     334.4,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***       01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***       15:16:13

                PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 465021.3, 3770366.8,     333.6,     333.6,       0.0);         ( 464696.3, 3770391.8,
335.4,     335.4,       0.0);
     ( 464721.3, 3770391.8,     335.3,     335.3,       0.0);         ( 464746.3, 3770391.8,
335.2,     335.2,       0.0);
     ( 464771.3, 3770391.8,     335.0,     335.0,       0.0);         ( 464796.3, 3770391.8,
334.9,     334.9,       0.0);
     ( 464821.3, 3770391.8,     335.5,     335.5,       0.0);         ( 464846.3, 3770391.8,
335.6,     335.6,       0.0);
     ( 464871.3, 3770391.8,     335.5,     335.5,       0.0);         ( 464896.3, 3770391.8,
335.9,     335.9,       0.0);
     ( 464921.3, 3770391.8,     335.9,     335.9,       0.0);         ( 464946.3, 3770391.8,
335.4,     335.4,       0.0);
     ( 464971.3, 3770391.8,     335.3,     335.3,       0.0);         ( 464996.3, 3770391.8,
334.5,     334.5,       0.0);
     ( 465021.3, 3770391.8,     333.7,     333.7,       0.0);         ( 464696.3, 3770416.8,
335.5,     335.5,       0.0);
     ( 464721.3, 3770416.8,     335.4,     335.4,       0.0);         ( 464746.3, 3770416.8,
335.4,     335.4,       0.0);
     ( 464771.3, 3770416.8,     335.1,     335.1,       0.0);         ( 464796.3, 3770416.8,
335.2,     335.2,       0.0);
     ( 464821.3, 3770416.8,     335.9,     335.9,       0.0);         ( 464846.3, 3770416.8,
```

```
336.0,     336.0,       0.0);
     ( 464871.3, 3770416.8,     335.9,     335.9,       0.0);         ( 464896.3, 3770416.8,
336.2,     336.2,       0.0);
     ( 464921.3, 3770416.8,     336.1,     336.1,       0.0);         ( 464946.3, 3770416.8,
335.7,     335.7,       0.0);
     ( 464971.3, 3770416.8,     335.7,     335.7,       0.0);         ( 464996.3, 3770416.8,
334.7,     334.7,       0.0);
     ( 465021.3, 3770416.8,     333.9,     333.9,       0.0);         ( 464696.3, 3770441.8,
335.8,     335.8,       0.0);
     ( 464721.3, 3770441.8,     335.8,     335.8,       0.0);         ( 464746.3, 3770441.8,
335.7,     335.7,       0.0);
     ( 464771.3, 3770441.8,     335.5,     335.5,       0.0);         ( 464796.3, 3770441.8,
335.6,     335.6,       0.0);
     ( 464821.3, 3770441.8,     336.2,     336.2,       0.0);         ( 464846.3, 3770441.8,
336.3,     336.3,       0.0);
     ( 464871.3, 3770441.8,     336.2,     336.2,       0.0);         ( 464896.3, 3770441.8,
336.5,     336.5,       0.0);
     ( 464921.3, 3770441.8,     336.3,     336.3,       0.0);         ( 464946.3, 3770441.8,
335.9,     335.9,       0.0);
     ( 464971.3, 3770441.8,     335.9,     335.9,       0.0);         ( 464996.3, 3770441.8,
334.9,     334.9,       0.0);
     ( 465021.3, 3770441.8,     334.1,     334.1,       0.0);         ( 465871.3, 3770441.8,
332.3,     332.3,       0.0);
     ( 465896.3, 3770441.8,     332.2,     332.2,       0.0);         ( 465921.3, 3770441.8,
332.1,     332.1,       0.0);
     ( 465946.3, 3770441.8,     331.8,     331.8,       0.0);         ( 465971.3, 3770441.8,
331.0,     331.0,       0.0);
     ( 465996.3, 3770441.8,     330.6,     330.6,       0.0);         ( 466021.3, 3770441.8,
330.5,     330.5,       0.0);
     ( 464696.3, 3770466.8,     336.4,     336.4,       0.0);         ( 464721.3, 3770466.8,
336.3,     336.3,       0.0);
     ( 464746.3, 3770466.8,     336.3,     336.3,       0.0);         ( 464771.3, 3770466.8,
336.0,     336.0,       0.0);
     ( 464796.3, 3770466.8,     335.9,     335.9,       0.0);         ( 464821.3, 3770466.8,
336.6,     336.6,       0.0);
     ( 464846.3, 3770466.8,     336.6,     336.6,       0.0);         ( 464871.3, 3770466.8,
336.4,     336.4,       0.0);
     ( 464896.3, 3770466.8,     336.6,     336.6,       0.0);         ( 464921.3, 3770466.8,
336.4,     336.4,       0.0);
     ( 464946.3, 3770466.8,     336.1,     336.1,       0.0);         ( 464971.3, 3770466.8,
336.2,     336.2,       0.0);
     ( 464996.3, 3770466.8,     335.2,     335.2,       0.0);         ( 465021.3, 3770466.8,
334.4,     334.4,       0.0);
     ( 465871.3, 3770466.8,     332.7,     332.7,       0.0);         ( 465896.3, 3770466.8,
332.8,     332.8,       0.0);
     ( 465921.3, 3770466.8,     332.8,     332.8,       0.0);         ( 465946.3, 3770466.8,
332.4,     332.4,       0.0);
     ( 465971.3, 3770466.8,     331.6,     331.6,       0.0);         ( 465996.3, 3770466.8,
331.1,     331.1,       0.0);
     ( 466021.3, 3770466.8,     331.0,     331.0,       0.0);         ( 464696.3, 3770491.8,
336.6,     336.6,       0.0);
     ( 464721.3, 3770491.8,     336.5,     336.5,       0.0);         ( 464746.3, 3770491.8,
336.5,     336.5,       0.0);
     ( 464771.3, 3770491.8,     336.2,     336.2,       0.0);         ( 464796.3, 3770491.8,
336.3,     336.3,       0.0);
     ( 464821.3, 3770491.8,     336.9,     336.9,       0.0);         ( 464846.3, 3770491.8,
336.7,     336.7,       0.0);
     ( 464871.3, 3770491.8,     336.5,     336.5,       0.0);         ( 464896.3, 3770491.8,
336.7,     336.7,       0.0);
     ( 464921.3, 3770491.8,     336.5,     336.5,       0.0);         ( 464946.3, 3770491.8,
336.2,     336.2,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(465996.3, 3770491.8, 331.7, 331.7, 0.0); (466021.3, 3770491.8,
331.4, 331.4, 0.0);
(464696.3, 3770516.8, 336.9, 336.9, 0.0); (464721.3, 3770516.8,
336.8, 336.8, 0.0);
(464746.3, 3770516.8, 336.7, 336.7, 0.0); (464771.3, 3770516.8,
336.5, 336.5, 0.0);
(464796.3, 3770516.8, 336.6, 336.6, 0.0); (464821.3, 3770516.8,
337.1, 337.1, 0.0);
(464846.3, 3770516.8, 336.9, 336.9, 0.0); (464871.3, 3770516.8,
336.6, 336.6, 0.0);
(464896.3, 3770516.8, 336.9, 336.9, 0.0); (464921.3, 3770516.8,
336.6, 336.6, 0.0);
(464946.3, 3770516.8, 336.2, 336.2, 0.0); (464971.3, 3770516.8,
336.4, 336.4, 0.0);
(464996.3, 3770516.8, 335.7, 335.7, 0.0); (465021.3, 3770516.8,
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(465871.3, 3770516.8, 333.0, 333.0, 0.0); (465896.3, 3770516.8,
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(465921.3, 3770516.8, 332.7, 332.7, 0.0); (465946.3, 3770516.8,
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(465971.3, 3770516.8, 332.1, 332.1, 0.0); (465996.3, 3770516.8,
332.1, 332.1, 0.0);
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(464771.3, 3770541.8, 337.0, 337.0, 0.0); (464796.3, 3770541.8,
337.0, 337.0, 0.0);
(464821.3, 3770541.8, 337.4, 337.4, 0.0); (464846.3, 3770541.8,
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(464871.3, 3770541.8, 336.7, 336.7, 0.0); (464896.3, 3770541.8,
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(464921.3, 3770541.8, 336.6, 336.6, 0.0); (464946.3, 3770541.8,
336.3, 336.3, 0.0);
(464971.3, 3770541.8, 336.4, 336.4, 0.0); (464996.3, 3770541.8,
335.9, 335.9, 0.0);
(465021.3, 3770541.8, 335.3, 335.3, 0.0); (465871.3, 3770541.8,
333.5, 333.5, 0.0);
(465896.3, 3770541.8, 333.4, 333.4, 0.0); (465921.3, 3770541.8,
332.9, 332.9, 0.0);
(465946.3, 3770541.8, 332.3, 332.3, 0.0); (465971.3, 3770541.8,

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332.1,     332.1,       0.0);
     ( 465996.3, 3770541.8,     332.2,     332.2,       0.0);         ( 466021.3, 3770541.8,
331.9,     331.9,       0.0);
     ( 464696.3, 3770566.8,     337.9,     337.9,       0.0);         ( 464721.3, 3770566.8,
337.7,     337.7,       0.0);
     ( 464746.3, 3770566.8,     337.5,     337.5,       0.0);         ( 464771.3, 3770566.8,
337.3,     337.3,       0.0);
     ( 464796.3, 3770566.8,     337.4,     337.4,       0.0);         ( 464821.3, 3770566.8,
337.7,     337.7,       0.0);
     ( 464846.3, 3770566.8,     337.2,     337.2,       0.0);         ( 464871.3, 3770566.8,
336.8,     336.8,       0.0);
     ( 464896.3, 3770566.8,     336.8,     336.8,       0.0);         ( 464921.3, 3770566.8,
336.6,     336.6,       0.0);
     ( 464946.3, 3770566.8,     336.3,     336.3,       0.0);         ( 464971.3, 3770566.8,
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335.5,     335.5,       0.0);
     ( 465871.3, 3770566.8,     334.0,     334.0,       0.0);         ( 465896.3, 3770566.8,
333.9,     333.9,       0.0);
     ( 465921.3, 3770566.8,     333.2,     333.2,       0.0);         ( 465946.3, 3770566.8,
332.4,     332.4,       0.0);
     ( 465971.3, 3770566.8,     332.1,     332.1,       0.0);         ( 465996.3, 3770566.8,
332.2,     332.2,       0.0);
     ( 466021.3, 3770566.8,     332.0,     332.0,       0.0);         ( 464696.3, 3770591.8,
338.2,     338.2,       0.0);
     ( 464721.3, 3770591.8,     337.9,     337.9,       0.0);         ( 464746.3, 3770591.8,
337.8,     337.8,       0.0);
     ( 464771.3, 3770591.8,     337.6,     337.6,       0.0);         ( 464796.3, 3770591.8,
337.7,     337.7,       0.0);
     ( 464821.3, 3770591.8,     338.0,     338.0,       0.0);         ( 464846.3, 3770591.8,
337.4,     337.4,       0.0);
     ( 464871.3, 3770591.8,     337.0,     337.0,       0.0);         ( 464896.3, 3770591.8,
336.8,     336.8,       0.0);
     ( 464921.3, 3770591.8,     336.6,     336.6,       0.0);         ( 464946.3, 3770591.8,
336.4,     336.4,       0.0);
     ( 464971.3, 3770591.8,     336.3,     336.3,       0.0);         ( 464996.3, 3770591.8,
336.1,     336.1,       0.0);
     ( 465021.3, 3770591.8,     335.8,     335.8,       0.0);         ( 465871.3, 3770591.8,
334.2,     334.2,       0.0);
     ( 465896.3, 3770591.8,     334.1,     334.1,       0.0);         ( 465921.3, 3770591.8,
333.5,     333.5,       0.0);
     ( 465946.3, 3770591.8,     332.8,     332.8,       0.0);         ( 465971.3, 3770591.8,
332.4,     332.4,       0.0);
     ( 465996.3, 3770591.8,     332.3,     332.3,       0.0);         ( 466021.3, 3770591.8,
332.2,     332.2,       0.0);
     ( 464696.3, 3770616.8,     338.9,     338.9,       0.0);         ( 464721.3, 3770616.8,
338.6,     338.6,       0.0);
     ( 464746.3, 3770616.8,     338.5,     338.5,       0.0);         ( 464771.3, 3770616.8,
338.3,     338.3,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                              (METERS)
```

```
    ( 464796.3, 3770616.8,     338.2,     338.2,       0.0);        ( 464821.3, 3770616.8,
338.4,     338.4,       0.0);
    ( 464846.3, 3770616.8,     337.8,     337.8,       0.0);        ( 464871.3, 3770616.8,
337.5,     337.5,       0.0);
    ( 464896.3, 3770616.8,     337.3,     337.3,       0.0);        ( 464921.3, 3770616.8,
337.1,     337.1,       0.0);
    ( 464946.3, 3770616.8,     336.9,     336.9,       0.0);        ( 464971.3, 3770616.8,
336.8,     336.8,       0.0);
    ( 464996.3, 3770616.8,     336.6,     336.6,       0.0);        ( 465021.3, 3770616.8,
336.3,     336.3,       0.0);
    ( 465871.3, 3770616.8,     334.5,     334.5,       0.0);        ( 465896.3, 3770616.8,
334.3,     334.3,       0.0);
    ( 465921.3, 3770616.8,     333.8,     333.8,       0.0);        ( 465946.3, 3770616.8,
333.3,     333.3,       0.0);
    ( 465971.3, 3770616.8,     332.9,     332.9,       0.0);        ( 465996.3, 3770616.8,
332.7,     332.7,       0.0);
    ( 466021.3, 3770616.8,     332.7,     332.7,       0.0);        ( 464696.3, 3770641.8,
339.9,     339.9,       0.0);
    ( 464721.3, 3770641.8,     339.8,     339.8,       0.0);        ( 464746.3, 3770641.8,
339.6,     339.6,       0.0);
    ( 464771.3, 3770641.8,     339.0,     339.0,       0.0);        ( 464796.3, 3770641.8,
338.6,     338.6,       0.0);
    ( 464821.3, 3770641.8,     338.7,     338.7,       0.0);        ( 464846.3, 3770641.8,
338.4,     338.4,       0.0);
    ( 464871.3, 3770641.8,     338.1,     338.1,       0.0);        ( 464896.3, 3770641.8,
337.9,     337.9,       0.0);
    ( 464921.3, 3770641.8,     337.7,     337.7,       0.0);        ( 464946.3, 3770641.8,
337.5,     337.5,       0.0);
    ( 464971.3, 3770641.8,     337.4,     337.4,       0.0);        ( 464996.3, 3770641.8,
337.1,     337.1,       0.0);
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    ( 464721.3, 3770666.8,     340.1,     340.1,       0.0);        ( 464746.3, 3770666.8,
339.8,     339.8,       0.0);
    ( 464771.3, 3770666.8,     339.3,     339.3,       0.0);        ( 464796.3, 3770666.8,
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338.0,     338.0,       0.0);
    ( 464921.3, 3770666.8,     337.7,     337.7,       0.0);        ( 464946.3, 3770666.8,
337.5,     337.5,       0.0);
    ( 464971.3, 3770666.8,     337.4,     337.4,       0.0);        ( 464996.3, 3770666.8,
337.3,     337.3,       0.0);
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    ( 464721.3, 3770691.8,     340.4,     340.4,       0.0);        ( 464746.3, 3770691.8,
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    ( 464821.3, 3770691.8,     339.3,     339.3,       0.0);        ( 464846.3, 3770691.8,
338.7,     338.7,       0.0);
    ( 464871.3, 3770691.8,     338.6,     338.6,       0.0);        ( 464896.3, 3770691.8,
338.5,     338.5,       0.0);
    ( 464921.3, 3770691.8,     338.1,     338.1,       0.0);        ( 464946.3, 3770691.8,
337.8,     337.8,       0.0);
    ( 464971.3, 3770691.8,     337.8,     337.8,       0.0);        ( 464996.3, 3770691.8,
337.7,     337.7,       0.0);
    ( 465021.3, 3770691.8,     337.4,     337.4,       0.0);        ( 464696.3, 3770716.8,
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340.3,   340.3,   0.0);
     (464821.3, 3770716.8,   339.8,   339.8,   0.0);   (464846.3, 3770716.8,
339.1,   339.1,   0.0);
     (464871.3, 3770716.8,   339.1,   339.1,   0.0);   (464896.3, 3770716.8,
339.1,   339.1,   0.0);
     (464921.3, 3770716.8,   338.5,   338.5,   0.0);   (464946.3, 3770716.8,
338.2,   338.2,   0.0);
     (464971.3, 3770716.8,   338.3,   338.3,   0.0);   (464996.3, 3770716.8,
338.2,   338.2,   0.0);
     (465021.3, 3770716.8,   337.8,   337.8,   0.0);   (464696.3, 3770741.8,
340.5,   340.5,   0.0);
     (464721.3, 3770741.8,   340.9,   340.9,   0.0);   (464746.3, 3770741.8,
340.8,   340.8,   0.0);
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340.7,   340.7,   0.0);
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339.4,   339.4,   0.0);
     (464871.3, 3770741.8,   339.5,   339.5,   0.0);   (464896.3, 3770741.8,
339.5,   339.5,   0.0);
     (464921.3, 3770741.8,   338.9,   338.9,   0.0);   (464946.3, 3770741.8,
338.6,   338.6,   0.0);
     (464971.3, 3770741.8,   338.8,   338.8,   0.0);   (464996.3, 3770741.8,
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     (464721.3, 3770766.8,   341.0,   341.0,   0.0);   (464746.3, 3770766.8,
341.1,   341.1,   0.0);

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (464771.3, 3770766.8,   340.7,   340.7,   0.0);   (464796.3, 3770766.8,
341.0,   341.0,   0.0);
     (464821.3, 3770766.8,   340.4,   340.4,   0.0);   (464846.3, 3770766.8,
339.7,   339.7,   0.0);
     (464871.3, 3770766.8,   339.8,   339.8,   0.0);   (464896.3, 3770766.8,
339.8,   339.8,   0.0);
     (464921.3, 3770766.8,   339.2,   339.2,   0.0);   (464946.3, 3770766.8,
338.9,   338.9,   0.0);
     (464971.3, 3770766.8,   339.1,   339.1,   0.0);   (464996.3, 3770766.8,
339.0,   339.0,   0.0);
     (465021.3, 3770766.8,   338.6,   338.6,   0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
Met Version: 16216
Profile file: FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
Surface format: FREE

Profile format: FREE

Surface station no.: 3102 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2011 Year: 2011

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	69.	9.1	276.4	5.5
11	01	01	1	02	-23.8	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	52.	9.1	275.4	5.5
11	01	01	1	03	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	32.	9.1	275.4	5.5

```
 11 01 01   1 04   -1.4  0.067 -9.000 -9.000 -999.   57.     18.3  0.25   2.82   1.00    0.40   27.
9.1  274.2    5.5
 11 01 01   1 05  -18.6  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82   1.00    1.80   51.
9.1  274.2    5.5
 11 01 01   1 06  -29.7  0.296 -9.000 -9.000 -999.  387.     96.6  0.25   2.82   1.00    2.70   53.
9.1  274.2    5.5
 11 01 01   1 07  -24.0  0.239 -9.000 -9.000 -999.  282.     63.0  0.25   2.82   1.00    2.20   70.
9.1  274.2    5.5
 11 01 01   1 08   -8.4  0.138 -9.000 -9.000 -999.  127.     27.3  0.25   2.82   0.54    1.30   72.
9.1  275.4    5.5
 11 01 01   1 09   44.3  0.280  0.571  0.005  147.  356.    -43.5  0.25   2.82   0.32    2.20   67.
9.1  277.5    5.5
 11 01 01   1 10  122.7  0.264  0.952  0.005  247.  326.    -13.2  0.25   2.82   0.25    1.80   83.
9.1  279.9    5.5
 11 01 01   1 11  179.8  0.316  1.733  0.005 1017.  426.    -15.4  0.25   2.82   0.22    2.20   58.
9.1  282.0    5.5
 11 01 01   1 12  206.0  0.320  1.940  0.008 1244.  435.    -14.0  0.25   2.82   0.21    2.20  115.
9.1  283.1    5.5
 11 01 01   1 13  132.6  0.214  1.733  0.009 1377.  243.     -6.5  0.25   2.82   0.21    1.30  147.
9.1  284.2    5.5
 11 01 01   1 14  147.0  0.216  1.818  0.009 1431.  242.     -6.0  0.25   2.82   0.23    1.30  219.
9.1  284.9    5.5
 11 01 01   1 15  104.0  0.208  1.633  0.009 1468.  228.     -7.6  0.25   2.82   0.26    1.30  126.
9.1  285.4    5.5
 11 01 01   1 16   26.4  0.140  1.037  0.009 1477.  127.     -9.1  0.25   2.82   0.35    0.90  151.
9.1  284.9    5.5
 11 01 01   1 17   -9.0  0.137 -9.000 -9.000 -999.  121.     24.9  0.25   2.82   0.63    1.30   69.
9.1  283.1    5.5
 11 01 01   1 18  -33.4  0.342 -9.000 -9.000 -999.  481.    129.0  0.25   2.82   1.00    3.10   81.
9.1  281.4    5.5
 11 01 01   1 19  -33.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.25   2.82   1.00    3.10   51.
9.1  279.9    5.5
 11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82   1.00    2.20   77.
9.1  278.8    5.5
 11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   53.
9.1  277.5    5.5
 11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82   1.00    2.20   58.
9.1  277.5    5.5
 11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   64.
9.1  277.5    5.5
 11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82   1.00    0.90   52.
9.1  277.0    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
 11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK1   ***
                                  INCLUDING SOURCE(S):     L0002805    , L0002806    , L0002807    ,
```

L0002808 , L0002809 ,
L0002810 , L0002811 , L0002812 , L0002813 , L0002814 , L0002815 ,
L0002816 , L0002817 ,
L0002818 , L0002819 , L0002820 , L0002821 , L0002822 , L0002823 ,
L0002824 , L0002825 ,
L0002826 , L0002827 , L0002828 , L0002829 , L0002830 , L0002831 ,
L0002832 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465946.27	3769266.81	1.01254	465971.27	3769266.81	0.98196
465996.27	3769266.81	0.95731	466021.27	3769266.81	0.93240
466046.27	3769266.81	0.90619	466071.27	3769266.81	0.87926
466096.27	3769266.81	0.85242	466121.27	3769266.81	0.82653
466146.27	3769266.81	0.80173	466171.27	3769266.81	0.77767
466196.27	3769266.81	0.75415	465946.27	3769291.81	1.05205
465971.27	3769291.81	1.02156	465996.27	3769291.81	0.99596
466021.27	3769291.81	0.96745	466046.27	3769291.81	0.93841
466071.27	3769291.81	0.90901	466096.27	3769291.81	0.87994
466121.27	3769291.81	0.85222	466146.27	3769291.81	0.82580
466171.27	3769291.81	0.79990	466196.27	3769291.81	0.77473
465946.27	3769316.81	1.09627	465971.27	3769316.81	1.06708
465996.27	3769316.81	1.03717	466021.27	3769316.81	1.00486
466046.27	3769316.81	0.97240	466071.27	3769316.81	0.94025
466096.27	3769316.81	0.90883	466121.27	3769316.81	0.87899
466146.27	3769316.81	0.85082	466171.27	3769316.81	0.82307
466196.27	3769316.81	0.79607	465946.27	3769341.81	1.14868
465971.27	3769341.81	1.11386	465996.27	3769341.81	1.07995
466021.27	3769341.81	1.04413	466046.27	3769341.81	1.00851
466071.27	3769341.81	0.97355	466096.27	3769341.81	0.93942
466121.27	3769341.81	0.90718	466146.27	3769341.81	0.87700
466171.27	3769341.81	0.84721	466196.27	3769341.81	0.81827

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        465946.27    3769366.81        1.20560                    465971.27    3769366.81
1.16481
        465996.27    3769366.81        1.12570                    466021.27    3769366.81
1.08609
        466046.27    3769366.81        1.04706                    466071.27    3769366.81
1.00895
        466096.27    3769366.81        0.97212                    466121.27    3769366.81
0.93732
        466146.27    3769366.81        0.90463                    466171.27    3769366.81
0.87247
        466196.27    3769366.81        0.84134                    464696.27    3770066.81
3.67445
        464721.27    3770066.81        3.68933                    464746.27    3770066.81
3.70163
        464771.27    3770066.81        3.71316                    464796.27    3770066.81
3.72134
        464821.27    3770066.81        3.72458                    464846.27    3770066.81
3.73252
        464871.27    3770066.81        3.74213                    464896.27    3770066.81
3.75044
        464921.27    3770066.81        3.75578                    464946.27    3770066.81
3.76491
        464971.27    3770066.81        3.78046                    464996.27    3770066.81
3.77334
        465021.27    3770066.81        3.74420                    464696.27    3770091.81
3.36041
        464721.27    3770091.81        3.37486                    464746.27    3770091.81
3.38745
        464771.27    3770091.81        3.39767                    464796.27    3770091.81
3.40432
        464821.27    3770091.81        3.40695                    464846.27    3770091.81
3.41297
        464871.27    3770091.81        3.42101                    464896.27    3770091.81
3.42818
        464921.27    3770091.81        3.43415                    464946.27    3770091.81
3.44126
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK1   ***
                                 INCLUDING SOURCE(S):     L0002805    , L0002806    , L0002807    ,
L0002808    , L0002809    ,
                     L0002810    , L0002811    , L0002812    , L0002813    , L0002814    , L0002815    ,
L0002816    , L0002817    ,
                     L0002818    , L0002819    , L0002820    , L0002821    , L0002822    , L0002823    ,
L0002824    , L0002825    ,
                     L0002826    , L0002827    , L0002828    , L0002829    , L0002830    , L0002831    ,
L0002832    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
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CONC

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 - - -
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        464871.27    3770191.81        2.51861                     464896.27    3770191.81
2.52448
        464921.27    3770191.81        2.53046                     464946.27    3770191.81
2.53648
        464971.27    3770191.81        2.54286                     464996.27    3770191.81
2.54977
        465021.27    3770191.81        2.55660                     465046.27    3770191.81
2.55983
        465071.27    3770191.81        2.56232                     465096.27    3770191.81
2.56292
        465121.27    3770191.81        2.56205                     464696.27    3770216.81
2.27935
        464721.27    3770216.81        2.29051                     464746.27    3770216.81
2.30047
        464771.27    3770216.81        2.31169                     464796.27    3770216.81
2.32209
        464821.27    3770216.81        2.33249                     464846.27    3770216.81
2.34125
        464871.27    3770216.81        2.34751                     464896.27    3770216.81
2.35374
        464921.27    3770216.81        2.35963                     464946.27    3770216.81
2.36540
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK1   ***
                                  INCLUDING SOURCE(S):     L0002805    , L0002806    , L0002807    ,
L0002808    , L0002809    ,
                    L0002810    , L0002811    , L0002812    , L0002813    , L0002814    , L0002815    ,
L0002816    , L0002817    ,
                    L0002818    , L0002819    , L0002820    , L0002821    , L0002822    , L0002823    ,
L0002824    , L0002825    ,
                    L0002826    , L0002827    , L0002828    , L0002829    , L0002830    , L0002831    ,
L0002832    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        464971.27    3770216.81        2.37192                     464996.27    3770216.81
2.37922
        465021.27    3770216.81        2.38573                     465046.27    3770216.81
2.38981
        465071.27    3770216.81        2.39114                     465096.27    3770216.81
2.39144
        465121.27    3770216.81        2.39168                     464696.27    3770241.81
2.12685
        464721.27    3770241.81        2.13692                     464746.27    3770241.81
2.14629
        464771.27    3770241.81        2.15626                     464796.27    3770241.81
```

2.16576
464821.27 3770241.81 2.17523 464846.27 3770241.81
2.18518
464871.27 3770241.81 2.19232 464896.27 3770241.81
2.19862
464921.27 3770241.81 2.20505 464946.27 3770241.81
2.21109
464971.27 3770241.81 2.21699 464996.27 3770241.81
2.22272
465021.27 3770241.81 2.23181 465046.27 3770241.81
2.23563
465071.27 3770241.81 2.23625 465096.27 3770241.81
2.23601
465121.27 3770241.81 2.23637 464696.27 3770266.81
1.99479
464721.27 3770266.81 2.00397 464746.27 3770266.81
2.01448
464771.27 3770266.81 2.02353 464796.27 3770266.81
2.03313
464821.27 3770266.81 2.04044 464846.27 3770266.81
2.04983
464871.27 3770266.81 2.05742 464896.27 3770266.81
2.06273
464921.27 3770266.81 2.06896 464946.27 3770266.81
2.07641
464971.27 3770266.81 2.08088 464996.27 3770266.81
2.08635
465021.27 3770266.81 2.09391 465046.27 3770266.81
2.09679
465071.27 3770266.81 2.09797 465096.27 3770266.81
2.09945
465121.27 3770266.81 2.10130 464696.27 3770291.81
1.87220
464721.27 3770291.81 1.88189 464746.27 3770291.81
1.89219
464771.27 3770291.81 1.90186 464796.27 3770291.81
1.91038
464821.27 3770291.81 1.91609 464846.27 3770291.81
1.92527
464871.27 3770291.81 1.93349 464896.27 3770291.81
1.93680
464921.27 3770291.81 1.94284 464946.27 3770291.81
1.95199
464971.27 3770291.81 1.95508 464996.27 3770291.81
1.96181
465021.27 3770291.81 1.96924 465046.27 3770291.81
1.97200
465071.27 3770291.81 1.97420 465096.27 3770291.81
1.97595
465121.27 3770291.81 1.98128 464696.27 3770316.81
1.76150
464721.27 3770316.81 1.77120 464746.27 3770316.81
1.78128
464771.27 3770316.81 1.79111 464796.27 3770316.81
1.79890
464821.27 3770316.81 1.80279 464846.27 3770316.81
1.81125
464871.27 3770316.81 1.81949 464896.27 3770316.81
1.82245
464921.27 3770316.81 1.82864 464946.27 3770316.81
1.83777

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK1 ***

INCLUDING SOURCE(S): L0002805 , L0002806 , L0002807 , L0002808 , L0002809 ,
L0002810 , L0002811 , L0002812 , L0002813 , L0002814 , L0002815 , L0002816 , L0002817 ,
L0002818 , L0002819 , L0002820 , L0002821 , L0002822 , L0002823 , L0002824 , L0002825 ,
L0002826 , L0002827 , L0002828 , L0002829 , L0002830 , L0002831 , L0002832 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464721.27	3770341.81	1.67114	464746.27	3770341.81	1.68138
464771.27	3770341.81	1.69097	464796.27	3770341.81	1.69726
464821.27	3770341.81	1.70050	464846.27	3770341.81	1.70847
464871.27	3770341.81	1.71625	464896.27	3770341.81	1.71945
464921.27	3770341.81	1.72585	464946.27	3770341.81	1.73426
464971.27	3770341.81	1.73875	464996.27	3770341.81	1.74584
465021.27	3770341.81	1.75414	465046.27	3770341.81	1.76599
465071.27	3770341.81	1.77425	465096.27	3770341.81	1.77715
465121.27	3770341.81	1.77841	464696.27	3770366.81	1.56796
464721.27	3770366.81	1.57742	464746.27	3770366.81	1.58744
464771.27	3770366.81	1.59669	464796.27	3770366.81	1.60514
464821.27	3770366.81	1.60729	464846.27	3770366.81	1.61298
464871.27	3770366.81	1.62078	464896.27	3770366.81	

1.62437
464921.27 3770366.81 1.63090 464946.27 3770366.81
1.63912
464971.27 3770366.81 1.64360 464996.27 3770366.81
1.65220
465021.27 3770366.81 1.66111 464696.27 3770391.81
1.47985
464721.27 3770391.81 1.49030 464746.27 3770391.81
1.49930
464771.27 3770391.81 1.50929 464796.27 3770391.81
1.51799
464821.27 3770391.81 1.51971 464846.27 3770391.81
1.52632
464871.27 3770391.81 1.53346 464896.27 3770391.81
1.53737
464921.27 3770391.81 1.54363 464946.27 3770391.81
1.55176
464971.27 3770391.81 1.55648 464996.27 3770391.81
1.56561
465021.27 3770391.81 1.57437 464696.27 3770416.81
1.40196
464721.27 3770416.81 1.41198 464746.27 3770416.81
1.42076
464771.27 3770416.81 1.43017 464796.27 3770416.81
1.43735
464821.27 3770416.81 1.43958 464846.27 3770416.81
1.44502
464871.27 3770416.81 1.45311 464896.27 3770416.81
1.45537
464921.27 3770416.81 1.46209 464946.27 3770416.81
1.47079
464971.27 3770416.81 1.47608 464996.27 3770416.81
1.48562
465021.27 3770416.81 1.49441 464696.27 3770441.81
1.32760
464721.27 3770441.81 1.33754 464746.27 3770441.81
1.34584
464771.27 3770441.81 1.35590 464796.27 3770441.81
1.36202
464821.27 3770441.81 1.36303 464846.27 3770441.81
1.36865
464871.27 3770441.81 1.37715 464896.27 3770441.81
1.38012
464921.27 3770441.81 1.38744 464946.27 3770441.81
1.39692
464971.27 3770441.81 1.40150 464996.27 3770441.81
1.41102
465021.27 3770441.81 1.41880 465871.27 3770441.81
1.25285
465896.27 3770441.81 1.23818 465921.27 3770441.81
1.22455
465946.27 3770441.81 1.20878 465971.27 3770441.81
1.18434
465996.27 3770441.81 1.15835 466021.27 3770441.81
1.14264

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK1 ***

INCLUDING SOURCE(S): L0002805 , L0002806 , L0002807 , L0002808 , L0002809 , L0002810 , L0002811 , L0002812 , L0002813 , L0002814 , L0002815 , L0002816 , L0002817 , L0002818 , L0002819 , L0002820 , L0002821 , L0002822 , L0002823 , L0002824 , L0002825 , L0002826 , L0002827 , L0002828 , L0002829 , L0002830 , L0002831 , L0002832 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464696.27	3770466.81	1.25411	464721.27	3770466.81	1.26434
464746.27	3770466.81	1.27294	464771.27	3770466.81	1.28440
464796.27	3770466.81	1.29253	464821.27	3770466.81	1.29209
464846.27	3770466.81	1.29864	464871.27	3770466.81	1.30747
464896.27	3770466.81	1.31093	464921.27	3770466.81	1.31868
464946.27	3770466.81	1.32772	464971.27	3770466.81	1.33163
464996.27	3770466.81	1.34171	465021.27	3770466.81	1.34977
465871.27	3770466.81	1.20442	465896.27	3770466.81	1.19339
465921.27	3770466.81	1.18186	465946.27	3770466.81	1.16521
465971.27	3770466.81	1.14357	465996.27	3770466.81	1.12609
466021.27	3770466.81	1.10970	464696.27	3770491.81	1.19016
464721.27	3770491.81	1.19976	464746.27	3770491.81	1.20832
464771.27	3770491.81	1.21891	464796.27	3770491.81	1.22569
464821.27	3770491.81	1.22599	464846.27	3770491.81	1.23426
464871.27	3770491.81	1.24338	464896.27	3770491.81	1.24693
464921.27	3770491.81	1.25477	464946.27	3770491.81	1.26357
464971.27	3770491.81	1.26730	464996.27	3770491.81	1.27727
465021.27	3770491.81	1.28435	465871.27	3770491.81	1.15637
465896.27	3770491.81	1.14559	465921.27	3770491.81	1.13459
465946.27	3770491.81	1.12037	465971.27	3770491.81	

1.10309
        465996.27   3770491.81   1.08799   466021.27   3770491.81
1.07199
        464696.27   3770516.81   1.12992   464721.27   3770516.81
1.13905
        464746.27   3770516.81   1.14782   464771.27   3770516.81
1.15781
        464796.27   3770516.81   1.16369   464821.27   3770516.81
1.16516
        464846.27   3770516.81   1.17437   464871.27   3770516.81
1.18354
        464896.27   3770516.81   1.18707   464921.27   3770516.81
1.19508
        464946.27   3770516.81   1.20385   464971.27   3770516.81
1.20728
        464996.27   3770516.81   1.21654   465021.27   3770516.81
1.22362
        465871.27   3770516.81   1.11124   465896.27   3770516.81
1.09980
        465921.27   3770516.81   1.08842   465946.27   3770516.81
1.07570
        465971.27   3770516.81   1.06164   465996.27   3770516.81
1.05026
        466021.27   3770516.81   1.03572   464696.27   3770541.81
1.06836
        464721.27   3770541.81   1.07872   464746.27   3770541.81
1.08763
        464771.27   3770541.81   1.09815   464796.27   3770541.81
1.10519
        464821.27   3770541.81   1.10746   464846.27   3770541.81
1.11839
        464871.27   3770541.81   1.12800   464896.27   3770541.81
1.13215
        464921.27   3770541.81   1.13992   464946.27   3770541.81
1.14826
        464971.27   3770541.81   1.15210   464996.27   3770541.81
1.16099
        465021.27   3770541.81   1.16696   465871.27   3770541.81
1.07463
        465896.27   3770541.81   1.06514   465921.27   3770541.81
1.04864

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK1   ***
                                  INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465946.27	3770541.81	1.03315	465971.27	3770541.81	1.02159
465996.27	3770541.81	1.01252	466021.27	3770541.81	1.00014
464696.27	3770566.81	1.01425	464721.27	3770566.81	1.02528
464746.27	3770566.81	1.03422	464771.27	3770566.81	1.04416
464796.27	3770566.81	1.05077	464821.27	3770566.81	1.05395
464846.27	3770566.81	1.06597	464871.27	3770566.81	1.07620
464896.27	3770566.81	1.08191	464921.27	3770566.81	1.08921
464946.27	3770566.81	1.09683	464971.27	3770566.81	1.10157
464996.27	3770566.81	1.10858	465021.27	3770566.81	1.11428
465871.27	3770566.81	1.03851	465896.27	3770566.81	1.03023
465921.27	3770566.81	1.01277	465946.27	3770566.81	0.99596
465971.27	3770566.81	0.98430	465996.27	3770566.81	0.97542
466021.27	3770566.81	0.96540	464696.27	3770591.81	0.96533
464721.27	3770591.81	0.97605	464746.27	3770591.81	0.98476
464771.27	3770591.81	0.99380	464796.27	3770591.81	0.99957
464821.27	3770591.81	1.00350	464846.27	3770591.81	1.01603
464871.27	3770591.81	1.02616	464896.27	3770591.81	1.03332
464921.27	3770591.81	1.04039	464946.27	3770591.81	1.04716
464971.27	3770591.81	1.05264	464996.27	3770591.81	1.05853
465021.27	3770591.81	1.06428	465871.27	3770591.81	1.00288
465896.27	3770591.81	0.99489	465921.27	3770591.81	0.97973
465946.27	3770591.81	0.96361	465971.27	3770591.81	0.95172
465996.27	3770591.81	0.94242	466021.27	3770591.81	0.93358
464696.27	3770616.81	0.91424	464721.27	3770616.81	0.92448
464746.27	3770616.81	0.93297	464771.27	3770616.81	0.94278
464796.27	3770616.81	0.95047	464821.27	3770616.81	0.95493
464846.27	3770616.81	0.96724	464871.27	3770616.81	

0.97604
        464896.27   3770616.81   0.98343   464921.27   3770616.81
0.99055
        464946.27   3770616.81   0.99704   464971.27   3770616.81
1.00291
        464996.27   3770616.81   1.00876   465021.27   3770616.81
1.01558
        465871.27   3770616.81   0.96809   465896.27   3770616.81
0.96046
        465921.27   3770616.81   0.94824   465946.27   3770616.81
0.93494
        465971.27   3770616.81   0.92345   465996.27   3770616.81
0.91372
        466021.27   3770616.81   0.90609   464696.27   3770641.81
0.86364
        464721.27   3770641.81   0.87205   464746.27   3770641.81
0.88154
        464771.27   3770641.81   0.89418   464796.27   3770641.81
0.90487
        464821.27   3770641.81   0.91041   464846.27   3770641.81
0.91933
        464871.27   3770641.81   0.92817   464896.27   3770641.81
0.93576
        464921.27   3770641.81   0.94310   464946.27   3770641.81
0.94950
        464971.27   3770641.81   0.95540   464996.27   3770641.81
0.96191

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK1   ***
                                INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 -
- - - - - - - - - - - - - -
        465021.27   3770641.81   0.96926   464696.27   3770666.81
0.82487
        464721.27   3770666.81   0.83194   464746.27   3770666.81
0.84152
        464771.27   3770666.81   0.85309   464796.27   3770666.81
0.86185

464821.27 3770666.81 0.87014 464846.27 3770666.81
0.87971
464871.27 3770666.81 0.88780 464896.27 3770666.81
0.89514
464921.27 3770666.81 0.90275 464946.27 3770666.81
0.90959
464971.27 3770666.81 0.91480 464996.27 3770666.81
0.92036
465021.27 3770666.81 0.92672 464696.27 3770691.81
0.78819
464721.27 3770691.81 0.79371 464746.27 3770691.81
0.80327
464771.27 3770691.81 0.81372 464796.27 3770691.81
0.81984
464821.27 3770691.81 0.83002 464846.27 3770691.81
0.84071
464871.27 3770691.81 0.84752 464896.27 3770691.81
0.85399
464921.27 3770691.81 0.86245 464946.27 3770691.81
0.86983
464971.27 3770691.81 0.87407 464996.27 3770691.81
0.87923
465021.27 3770691.81 0.88584 464696.27 3770716.81
0.75318
464721.27 3770716.81 0.75731 464746.27 3770716.81
0.76624
464771.27 3770716.81 0.77605 464796.27 3770716.81
0.78044
464821.27 3770716.81 0.79139 464846.27 3770716.81
0.80264
464871.27 3770716.81 0.80844 464896.27 3770716.81
0.81412
464921.27 3770716.81 0.82334 464946.27 3770716.81
0.83099
464971.27 3770716.81 0.83436 464996.27 3770716.81
0.83968
465021.27 3770716.81 0.84695 464696.27 3770741.81
0.72125
464721.27 3770741.81 0.72454 464746.27 3770741.81
0.73196
464771.27 3770741.81 0.74106 464796.27 3770741.81
0.74501
464821.27 3770741.81 0.75592 464846.27 3770741.81
0.76706
464871.27 3770741.81 0.77251 464896.27 3770741.81
0.77788
464921.27 3770741.81 0.78718 464946.27 3770741.81
0.79462
464971.27 3770741.81 0.79773 464996.27 3770741.81
0.80308
465021.27 3770741.81 0.81039 464696.27 3770766.81
0.69166
464721.27 3770766.81 0.69428 464746.27 3770766.81
0.69984
464771.27 3770766.81 0.70873 464796.27 3770766.81
0.71254
464821.27 3770766.81 0.72307 464846.27 3770766.81
0.73393
464871.27 3770766.81 0.73910 464896.27 3770766.81
0.74428
464921.27 3770766.81 0.75369 464946.27 3770766.81

0.76082
         464971.27   3770766.81   0.76386   464996.27   3770766.81
0.76875
         465021.27   3770766.81   0.77568

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK2   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 -
- - - - - - - - - - - - - -
         465946.27   3769266.81   1.04257   465971.27   3769266.81
1.01513
         465996.27   3769266.81   0.99306   466021.27   3769266.81
0.97058
         466046.27   3769266.81   0.94673   466071.27   3769266.81
0.92200
         466096.27   3769266.81   0.89716   466121.27   3769266.81
0.87302
         466146.27   3769266.81   0.84970   466171.27   3769266.81
0.82690
         466196.27   3769266.81   0.80442   465946.27   3769291.81
1.08213
         465971.27   3769291.81   1.05498   465996.27   3769291.81
1.03218
         466021.27   3769291.81   1.00652   466046.27   3769291.81
0.98017
         466071.27   3769291.81   0.95328   466096.27   3769291.81
0.92646
         466121.27   3769291.81   0.90068   466146.27   3769291.81
0.87590
         466171.27   3769291.81   0.85140   466196.27   3769291.81
0.82736
         465946.27   3769316.81   1.12589   465971.27   3769316.81
1.10014
         465996.27   3769316.81   1.07357   466021.27   3769316.81
1.04461
         466046.27   3769316.81   1.01529   466071.27   3769316.81
0.98601

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         466096.27    3769316.81        0.95714                    466121.27    3769316.81
0.92947
         466146.27    3769316.81        0.90312                    466171.27    3769316.81
0.87692
         466196.27    3769316.81        0.85117                    465946.27    3769341.81
1.17684
         465971.27    3769341.81        1.14626                    465996.27    3769341.81
1.11629
         466021.27    3769341.81        1.08439                    466046.27    3769341.81
1.05241
         466071.27    3769341.81        1.02073                    466096.27    3769341.81
0.98951
         466121.27    3769341.81        0.95974                    466146.27    3769341.81
0.93159
         466171.27    3769341.81        0.90353                    466196.27    3769341.81
0.87597
         465946.27    3769366.81        1.23144                    465971.27    3769366.81
1.19589
         465996.27    3769366.81        1.16160                    466021.27    3769366.81
1.12659
         466046.27    3769366.81        1.09178                    466071.27    3769366.81
1.05747
         466096.27    3769366.81        1.02396                    466121.27    3769366.81
0.99196
         466146.27    3769366.81        0.96159                    466171.27    3769366.81
0.93136
         466196.27    3769366.81        0.90177                    464696.27    3770066.81
3.38060
         464721.27    3770066.81        3.40621                    464746.27    3770066.81
3.44368
         464771.27    3770066.81        3.48365                    464796.27    3770066.81
3.52205
         464821.27    3770066.81        3.56799                    464846.27    3770066.81
3.60303
         464871.27    3770066.81        3.63766                    464896.27    3770066.81
3.67567
         464921.27    3770066.81        3.71446                    464946.27    3770066.81
3.75599
         464971.27    3770066.81        3.79082                    464996.27    3770066.81
3.77376
         465021.27    3770066.81        3.89273                    464696.27    3770091.81
3.09755
         464721.27    3770091.81        3.12664                    464746.27    3770091.81
3.15419
         464771.27    3770091.81        3.18598                    464796.27    3770091.81
3.22338
         464821.27    3770091.81        3.25725                    464846.27    3770091.81
3.28440
         464871.27    3770091.81        3.31773                    464896.27    3770091.81
3.35247
         464921.27    3770091.81        3.38855                    464946.27    3770091.81
3.43045
* *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
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GROUP: TRUCK2 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464971.27	3770091.81	3.47676	464996.27	3770091.81	3.50597
465021.27	3770091.81	3.51385	464696.27	3770116.81	2.85670
464721.27	3770116.81	2.88373	464746.27	3770116.81	2.91099
464771.27	3770116.81	2.93731	464796.27	3770116.81	2.96796
464821.27	3770116.81	2.99219	464846.27	3770116.81	3.02067
464871.27	3770116.81	3.05061	464896.27	3770116.81	3.08494
464921.27	3770116.81	3.11839	464946.27	3770116.81	3.15560
464971.27	3770116.81	3.20335	464996.27	3770116.81	3.24512
465021.27	3770116.81	3.25966	465046.27	3770116.81	3.28514
465071.27	3770116.81	3.33728	464696.27	3770141.81	2.63271
464721.27	3770141.81	2.66049	464746.27	3770141.81	2.68606
464771.27	3770141.81	2.71310	464796.27	3770141.81	2.74010
464821.27	3770141.81	2.76567	464846.27	3770141.81	2.79310
464871.27	3770141.81	2.82131	464896.27	3770141.81	2.85334
464921.27	3770141.81	2.88491	464946.27	3770141.81	2.92077
464971.27	3770141.81	2.96212	464996.27	3770141.81	3.00748
465021.27	3770141.81	3.04708	465046.27	3770141.81	3.08578
465071.27	3770141.81	3.14080	464696.27	3770166.81	2.48485
464721.27	3770166.81	2.48352	464746.27	3770166.81	2.49900
464771.27	3770166.81	2.51746	464796.27	3770166.81	2.54088
464821.27	3770166.81	2.56629	464846.27	3770166.81	2.59529

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        464871.27    3770166.81        2.62837                    464896.27    3770166.81
2.65826
        464921.27    3770166.81        2.68294                    464946.27    3770166.81
2.71520
        464971.27    3770166.81        2.75317                    464996.27    3770166.81
2.79892
        465021.27    3770166.81        2.83899                    465046.27    3770166.81
2.88505
        465071.27    3770166.81        2.93454                    464696.27    3770191.81
2.32763
        464721.27    3770191.81        2.34802                    464746.27    3770191.81
2.36803
        464771.27    3770191.81        2.38576                    464796.27    3770191.81
2.40226
        464821.27    3770191.81        2.42562                    464846.27    3770191.81
2.44986
        464871.27    3770191.81        2.47472                    464896.27    3770191.81
2.50106
        464921.27    3770191.81        2.52966                    464946.27    3770191.81
2.55979
        464971.27    3770191.81        2.56652                    464996.27    3770191.81
2.60781
        465021.27    3770191.81        2.65201                    465046.27    3770191.81
2.69374
        465071.27    3770191.81        2.73855                    465096.27    3770191.81
2.79000
        465121.27    3770191.81        2.84611                    464696.27    3770216.81
2.17447
        464721.27    3770216.81        2.19293                    464746.27    3770216.81
2.21344
        464771.27    3770216.81        2.23407                    464796.27    3770216.81
2.25523
        464821.27    3770216.81        2.27780                    464846.27    3770216.81
2.30057
        464871.27    3770216.81        2.32360                    464896.27    3770216.81
2.34829
        464921.27    3770216.81        2.37370                    464946.27    3770216.81
2.40126
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                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK2   ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                     L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                     L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                     L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
 **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464971.27	3770216.81	2.42460	464996.27	3770216.81	2.45972
465021.27	3770216.81	2.47537	465046.27	3770216.81	2.51600
465071.27	3770216.81	2.55790	465096.27	3770216.81	2.60275
465121.27	3770216.81	2.65347	464696.27	3770241.81	2.03300
464721.27	3770241.81	2.04926	464746.27	3770241.81	2.06865
464771.27	3770241.81	2.08757	464796.27	3770241.81	2.10941
464821.27	3770241.81	2.13149	464846.27	3770241.81	2.15457
464871.27	3770241.81	2.17677	464896.27	3770241.81	2.20002
464921.27	3770241.81	2.22500	464946.27	3770241.81	2.25204
464971.27	3770241.81	2.28063	464996.27	3770241.81	2.31104
465021.27	3770241.81	2.34020	465046.27	3770241.81	2.37624
465071.27	3770241.81	2.41273	465096.27	3770241.81	2.45093
465121.27	3770241.81	2.49456	464696.27	3770266.81	1.90905
464721.27	3770266.81	1.92668	464746.27	3770266.81	1.94465
464771.27	3770266.81	1.96428	464796.27	3770266.81	1.98350
464821.27	3770266.81	2.00187	464846.27	3770266.81	2.02490
464871.27	3770266.81	2.04699	464896.27	3770266.81	2.06690
464921.27	3770266.81	2.09072	464946.27	3770266.81	2.11875
464971.27	3770266.81	2.14407	464996.27	3770266.81	2.17306
465021.27	3770266.81	2.20662	465046.27	3770266.81	2.23760
465071.27	3770266.81	2.27003	465096.27	3770266.81	2.30179
465121.27	3770266.81	2.34117	464696.27	3770291.81	1.79293
464721.27	3770291.81	1.81076	464746.27	3770291.81	1.82890
464771.27	3770291.81	1.84801	464796.27	3770291.81	1.86759
464821.27	3770291.81	1.88029	464846.27	3770291.81	1.90276
464871.27	3770291.81	1.92538	464896.27	3770291.81	1.93904
464921.27	3770291.81	1.96301	464946.27	3770291.81	1.99303
464971.27	3770291.81	2.01458	464996.27	3770291.81	2.04408

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         465021.27    3770291.81        2.07832                     465046.27    3770291.81
2.10750
         465071.27    3770291.81        2.13740                     465096.27    3770291.81
2.17100
         465121.27    3770291.81        2.20480                     464696.27    3770316.81
1.68952
         464721.27    3770316.81        1.70597                     464746.27    3770316.81
1.72337
         464771.27    3770316.81        1.74218                     464796.27    3770316.81
1.76006
         464821.27    3770316.81        1.76862                     464846.27    3770316.81
1.78898
         464871.27    3770316.81        1.81056                     464896.27    3770316.81
1.82111
         464921.27    3770316.81        1.84368                     464946.27    3770316.81
1.87473
         464971.27    3770316.81        1.89418                     464996.27    3770316.81
1.92519
         465021.27    3770316.81        1.96044                     465046.27    3770316.81
1.99291
         465071.27    3770316.81        2.01758                     465096.27    3770316.81
2.04825
         465121.27    3770316.81        2.06674                     464696.27    3770341.81
1.59817
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                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK2   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                    L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                    L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
         464721.27    3770341.81        1.61398                     464746.27    3770341.81
1.63125
         464771.27    3770341.81        1.64929                     464796.27    3770341.81
1.66376
         464821.27    3770341.81        1.66941                     464846.27    3770341.81
1.68752
         464871.27    3770341.81        1.70736                     464896.27    3770341.81
1.71757
         464921.27    3770341.81        1.73781                     464946.27    3770341.81
```

1.76713
464971.27 3770341.81 1.78596 464996.27 3770341.81
1.81731
465021.27 3770341.81 1.85361 465046.27 3770341.81
1.88307
465071.27 3770341.81 1.89937 465096.27 3770341.81
1.93155
465121.27 3770341.81 1.96435 464696.27 3770366.81
1.50958
464721.27 3770366.81 1.52592 464746.27 3770366.81
1.54159
464771.27 3770366.81 1.56009 464796.27 3770366.81
1.57577
464821.27 3770366.81 1.57940 464846.27 3770366.81
1.59329
464871.27 3770366.81 1.61227 464896.27 3770366.81
1.62226
464921.27 3770366.81 1.64093 464946.27 3770366.81
1.66834
464971.27 3770366.81 1.68652 464996.27 3770366.81
1.71878
465021.27 3770366.81 1.75643 464696.27 3770391.81
1.42407
464721.27 3770391.81 1.44003 464746.27 3770391.81
1.45616
464771.27 3770391.81 1.47515 464796.27 3770391.81
1.49128
464821.27 3770391.81 1.49381 464846.27 3770391.81
1.50718
464871.27 3770391.81 1.52500 464896.27 3770391.81
1.53444
464921.27 3770391.81 1.55160 464946.27 3770391.81
1.57719
464971.27 3770391.81 1.59591 464996.27 3770391.81
1.63045
465021.27 3770391.81 1.66632 464696.27 3770416.81
1.35254
464721.27 3770416.81 1.36766 464746.27 3770416.81
1.38232
464771.27 3770416.81 1.40010 464796.27 3770416.81
1.41299
464821.27 3770416.81 1.41492 464846.27 3770416.81
1.42734
464871.27 3770416.81 1.44446 464896.27 3770416.81
1.45458
464921.27 3770416.81 1.47142 464946.27 3770416.81
1.49382
464971.27 3770416.81 1.51092 464996.27 3770416.81
1.54584
465021.27 3770416.81 1.58029 464696.27 3770441.81
1.28206
464721.27 3770441.81 1.29590 464746.27 3770441.81
1.31031
464771.27 3770441.81 1.32798 464796.27 3770441.81
1.33943
464821.27 3770441.81 1.34227 464846.27 3770441.81
1.35439
464871.27 3770441.81 1.37125 464896.27 3770441.81
1.38108
464921.27 3770441.81 1.39796 464946.27 3770441.81
1.41876

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK2 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464696.27	3770466.81	1.21236	464721.27	3770466.81	1.22696
464746.27	3770466.81	1.24011	464771.27	3770466.81	1.25688
464796.27	3770466.81	1.27077	464821.27	3770466.81	1.27512
464846.27	3770466.81	1.28793	464871.27	3770466.81	1.30393
464896.27	3770466.81	1.31447	464921.27	3770466.81	1.33056
464946.27	3770466.81	1.34975	464971.27	3770466.81	1.36318
464996.27	3770466.81	1.39269	465021.27	3770466.81	1.42249
465871.27	3770466.81	1.73148	465896.27	3770466.81	1.72483
465921.27	3770466.81	1.71699	465946.27	3770466.81	1.69638
465971.27	3770466.81	1.67247	465996.27	3770466.81	1.65025
466021.27	3770466.81	1.62691	464696.27	3770491.81	1.15420
464721.27	3770491.81	1.16778	464746.27	3770491.81	

```
1.17984
         464771.27    3770491.81        1.19582                     464796.27    3770491.81
1.20749
         464821.27    3770491.81        1.21250                     464846.27    3770491.81
1.22642
         464871.27    3770491.81        1.24294                     464896.27    3770491.81
1.25236
         464921.27    3770491.81        1.26856                     464946.27    3770491.81
1.28658
         464971.27    3770491.81        1.29826                     464996.27    3770491.81
1.32412
         465021.27    3770491.81        1.35095                     465871.27    3770491.81
1.62258
         465896.27    3770491.81        1.61499                     465921.27    3770491.81
1.60786
         465946.27    3770491.81        1.59766                     465971.27    3770491.81
1.57569
         465996.27    3770491.81        1.56101                     466021.27    3770491.81
1.54083
         464696.27    3770516.81        1.09838                     464721.27    3770516.81
1.11116
         464746.27    3770516.81        1.12397                     464771.27    3770516.81
1.13884
         464796.27    3770516.81        1.14898                     464821.27    3770516.81
1.15444
         464846.27    3770516.81        1.16983                     464871.27    3770516.81
1.18525
         464896.27    3770516.81        1.19410                     464921.27    3770516.81
1.20994
         464946.27    3770516.81        1.22719                     464971.27    3770516.81
1.23767
         464996.27    3770516.81        1.25976                     465021.27    3770516.81
1.28436
         465871.27    3770516.81        1.52377                     465896.27    3770516.81
1.51522
         465921.27    3770516.81        1.50846                     465946.27    3770516.81
1.49508
         465971.27    3770516.81        1.48169                     465996.27    3770516.81
1.47281
         466021.27    3770516.81        1.45864                     464696.27    3770541.81
1.04119
         464721.27    3770541.81        1.05516                     464746.27    3770541.81
1.06711
         464771.27    3770541.81        1.08226                     464796.27    3770541.81
1.09350
         464821.27    3770541.81        1.09962                     464846.27    3770541.81
1.11618
         464871.27    3770541.81        1.13177                     464896.27    3770541.81
1.14103
         464921.27    3770541.81        1.15597                     464946.27    3770541.81
1.17197
         464971.27    3770541.81        1.18243                     464996.27    3770541.81
1.20126
         465021.27    3770541.81        1.22237                     465871.27    3770541.81
1.43472
         465896.27    3770541.81        1.43137                     465921.27    3770541.81
1.42332
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK2 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465946.27	3770541.81	1.40395	465971.27	3770541.81	1.39603
465996.27	3770541.81	1.38953	466021.27	3770541.81	1.37927
464696.27	3770566.81	0.99109	464721.27	3770566.81	1.00565
464746.27	3770566.81	1.01743	464771.27	3770566.81	1.03156
464796.27	3770566.81	1.04193	464821.27	3770566.81	1.04887
464846.27	3770566.81	1.06584	464871.27	3770566.81	1.08186
464896.27	3770566.81	1.09289	464921.27	3770566.81	1.10672
464946.27	3770566.81	1.12114	464971.27	3770566.81	1.13243
464996.27	3770566.81	1.14751	465021.27	3770566.81	1.16507
465871.27	3770566.81	1.35351	465896.27	3770566.81	1.35096
465921.27	3770566.81	1.34642	465946.27	3770566.81	1.32616
465971.27	3770566.81	1.31851	465996.27	3770566.81	1.31229
466021.27	3770566.81	1.30444	464696.27	3770591.81	0.94616
464721.27	3770591.81	0.95952	464746.27	3770591.81	0.97149
464771.27	3770591.81	0.98424	464796.27	3770591.81	0.99326
464821.27	3770591.81	1.00083	464846.27	3770591.81	1.01810
464871.27	3770591.81	1.03354	464896.27	3770591.81	1.04555
464921.27	3770591.81	1.05859	464946.27	3770591.81	1.07120
464971.27	3770591.81	1.08305	464996.27	3770591.81	

1.09616
465021.27 3770591.81 1.11042 465871.27 3770591.81
1.28046
465896.27 3770591.81 1.27834 465921.27 3770591.81
1.27493
465946.27 3770591.81 1.26484 465971.27 3770591.81
1.24982
465996.27 3770591.81 1.24371 466021.27 3770591.81
1.23799
464696.27 3770616.81 0.89841 464721.27 3770616.81
0.91157
464746.27 3770616.81 0.92235 464771.27 3770616.81
0.93570
464796.27 3770616.81 0.94618 464821.27 3770616.81
0.95410
464846.27 3770616.81 0.97067 464871.27 3770616.81
0.98385
464896.27 3770616.81 0.99624 464921.27 3770616.81
1.00816
464946.27 3770616.81 1.02027 464971.27 3770616.81
1.03142
464996.27 3770616.81 1.04363 465021.27 3770616.81
1.05749
465871.27 3770616.81 1.21395 465896.27 3770616.81
1.21214
465921.27 3770616.81 1.20944 465946.27 3770616.81
1.20537
465971.27 3770616.81 1.19917 465996.27 3770616.81
1.19085
466021.27 3770616.81 1.18610 464696.27 3770641.81
0.85054
464721.27 3770641.81 0.86126 464746.27 3770641.81
0.87348
464771.27 3770641.81 0.88924 464796.27 3770641.81
0.90254
464821.27 3770641.81 0.91154 464846.27 3770641.81
0.92396
464871.27 3770641.81 0.93671 464896.27 3770641.81
0.94828
464921.27 3770641.81 0.96052 464946.27 3770641.81
0.97133
464971.27 3770641.81 0.98242 464996.27 3770641.81
0.99436

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK2 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465021.27	3770641.81	1.00824	464696.27	3770666.81	0.81441
464721.27	3770666.81	0.82350	464746.27	3770666.81	0.83568
464771.27	3770666.81	0.84996	464796.27	3770666.81	0.86182
464821.27	3770666.81	0.87287	464846.27	3770666.81	0.88589
464871.27	3770666.81	0.89743	464896.27	3770666.81	0.90892
464921.27	3770666.81	0.92062	464946.27	3770666.81	0.93171
464971.27	3770666.81	0.94142	464996.27	3770666.81	0.95198
465021.27	3770666.81	0.96373	464696.27	3770691.81	0.78008
464721.27	3770691.81	0.78730	464746.27	3770691.81	0.79931
464771.27	3770691.81	0.81263	464796.27	3770691.81	0.82106
464821.27	3770691.81	0.83413	464846.27	3770691.81	0.84832
464871.27	3770691.81	0.85791	464896.27	3770691.81	0.86788
464921.27	3770691.81	0.88034	464946.27	3770691.81	0.89179
464971.27	3770691.81	0.89964	464996.27	3770691.81	0.90911
465021.27	3770691.81	0.92065	464696.27	3770716.81	0.74710
464721.27	3770716.81	0.75267	464746.27	3770716.81	0.76380
464771.27	3770716.81	0.77617	464796.27	3770716.81	0.78238
464821.27	3770716.81	0.79659	464846.27	3770716.81	0.81114
464871.27	3770716.81	0.81968	464896.27	3770716.81	0.82827
464921.27	3770716.81	0.84084	464946.27	3770716.81	0.85225
464971.27	3770716.81	0.85896	464996.27	3770716.81	0.86766
465021.27	3770716.81	0.87963	464696.27	3770741.81	0.71710
464721.27	3770741.81	0.72166	464746.27	3770741.81	0.73097
464771.27	3770741.81	0.74235	464796.27	3770741.81	0.74791
464821.27	3770741.81	0.76183	464846.27	3770741.81	0.77645
464871.27	3770741.81	0.78432	464896.27	3770741.81	

0.79223
         464921.27   3770741.81   0.80460   464946.27   3770741.81
0.81536
         464971.27   3770741.81   0.82136   464996.27   3770741.81
0.82971
         465021.27   3770741.81   0.84126   464696.27   3770766.81
0.68929
         464721.27   3770766.81   0.69304   464746.27   3770766.81
0.70015
         464771.27   3770766.81   0.71116   464796.27   3770766.81
0.71645
         464821.27   3770766.81   0.72972   464846.27   3770766.81
0.74376
         464871.27   3770766.81   0.75109   464896.27   3770766.81
0.75855
         464921.27   3770766.81   0.77122   464946.27   3770766.81
0.78129
         464971.27   3770766.81   0.78689   464996.27   3770766.81
0.79473
         465021.27   3770766.81   0.80486

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK3   ***
                                  INCLUDING SOURCE(S):   L0003803   , L0003804   , L0003805   ,
L0003806   , L0003807   ,
                L0003808   , L0003809   , L0003810   , L0003811   , L0003812   , L0003813   ,
L0003814   , L0003815   ,
                L0003816   , L0003817   , L0003818   , L0003819   , L0003820   , L0003821   ,
L0003822   , L0003823   ,
                L0003824   , L0003825   , L0003826   , L0003827   , L0003828   , L0003829   ,
L0003830   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 -
- - - - - - - - - - - - - -
         465946.27   3769266.81   1.44242   465971.27   3769266.81
1.47202
         465996.27   3769266.81   1.51013   466021.27   3769266.81
1.54722
         466046.27   3769266.81   1.58072   466071.27   3769266.81
1.61086
         466096.27   3769266.81   1.63873   466121.27   3769266.81
1.66601
         466146.27   3769266.81   1.69300   466171.27   3769266.81
1.71881
         466196.27   3769266.81   1.74265   465946.27   3769291.81
1.50659

465971.27 3769291.81 1.54302 465996.27 3769291.81
1.58674
466021.27 3769291.81 1.62465 466046.27 3769291.81
1.65988
466071.27 3769291.81 1.69201 466096.27 3769291.81
1.72191
466121.27 3769291.81 1.75175 466146.27 3769291.81
1.78155
466171.27 3769291.81 1.80908 466196.27 3769291.81
1.83464
465946.27 3769316.81 1.57850 465971.27 3769316.81
1.62487
465996.27 3769316.81 1.66968 466021.27 3769316.81
1.70892
466046.27 3769316.81 1.74553 466071.27 3769316.81
1.77983
466096.27 3769316.81 1.81223 466121.27 3769316.81
1.84467
466146.27 3769316.81 1.87764 466171.27 3769316.81
1.90749
466196.27 3769316.81 1.93483 465946.27 3769341.81
1.66350
465971.27 3769341.81 1.71031 465996.27 3769341.81
1.75755
466021.27 3769341.81 1.79952 466046.27 3769341.81
1.83900
466071.27 3769341.81 1.87626 466096.27 3769341.81
1.91128
466121.27 3769341.81 1.94651 466146.27 3769341.81
1.98283
466171.27 3769341.81 2.01524 466196.27 3769341.81
2.04466
465946.27 3769366.81 1.75630 465971.27 3769366.81
1.80435
465996.27 3769366.81 1.85324 466021.27 3769366.81
1.89862
466046.27 3769366.81 1.94160 466071.27 3769366.81
1.98231
466096.27 3769366.81 2.02108 466121.27 3769366.81
2.05983
466146.27 3769366.81 2.09913 466171.27 3769366.81
2.13394
466196.27 3769366.81 2.16542 464696.27 3770066.81
0.34805
464721.27 3770066.81 0.35683 464746.27 3770066.81
0.36554
464771.27 3770066.81 0.37423 464796.27 3770066.81
0.38244
464821.27 3770066.81 0.38911 464846.27 3770066.81
0.39862
464871.27 3770066.81 0.40986 464896.27 3770066.81
0.42156
464921.27 3770066.81 0.43308 464946.27 3770066.81
0.44730
464971.27 3770066.81 0.46739 464996.27 3770066.81
0.49021
465021.27 3770066.81 0.51414 464696.27 3770091.81
0.34312
464721.27 3770091.81 0.35200 464746.27 3770091.81
0.36141
464771.27 3770091.81 0.36970 464796.27 3770091.81

0.37757
         464821.27   3770091.81   0.38333   464846.27   3770091.81
0.39184
         464871.27   3770091.81   0.40249   464896.27   3770091.81
0.41364
         464921.27   3770091.81   0.42523   464946.27   3770091.81
0.43844

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK3   ***
                                  INCLUDING SOURCE(S):   L0003803   , L0003804   , L0003805   ,
L0003806   , L0003807   ,
                L0003808   , L0003809   , L0003810   , L0003811   , L0003812   , L0003813   ,
L0003814   , L0003815   ,
                L0003816   , L0003817   , L0003818   , L0003819   , L0003820   , L0003821   ,
L0003822   , L0003823   ,
                L0003824   , L0003825   , L0003826   , L0003827   , L0003828   , L0003829   ,
L0003830   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 - - -

```
         464871.27    3770141.81        0.39332                    464896.27    3770141.81
0.40378
         464921.27    3770141.81        0.41519                    464946.27    3770141.81
0.42863
         464971.27    3770141.81        0.44347                    464996.27    3770141.81
0.46332
         465021.27    3770141.81        0.48437                    465046.27    3770141.81
0.50249
         465071.27    3770141.81        0.51876                    464696.27    3770166.81
0.32666
         464721.27    3770166.81        0.33486                    464746.27    3770166.81
0.34322
         464771.27    3770166.81        0.35193                    464796.27    3770166.81
0.36132
         464821.27    3770166.81        0.37031                    464846.27    3770166.81
0.37937
         464871.27    3770166.81        0.38916                    464896.27    3770166.81
0.39951
         464921.27    3770166.81        0.41069                    464946.27    3770166.81
0.42314
         464971.27    3770166.81        0.43812                    464996.27    3770166.81
0.45647
         465021.27    3770166.81        0.47524                    465046.27    3770166.81
0.49281
         465071.27    3770166.81        0.50905                    464696.27    3770191.81
0.32048
         464721.27    3770191.81        0.32817                    464746.27    3770191.81
0.33627
         464771.27    3770191.81        0.34489                    464796.27    3770191.81
0.35447
         464821.27    3770191.81        0.36439                    464846.27    3770191.81
0.37425
         464871.27    3770191.81        0.38391                    464896.27    3770191.81
0.39411
         464921.27    3770191.81        0.40513                    464946.27    3770191.81
0.41705
         464971.27    3770191.81        0.43070                    464996.27    3770191.81
0.44770
         465021.27    3770191.81        0.46590                    465046.27    3770191.81
0.48219
         465071.27    3770191.81        0.49838                    465096.27    3770191.81
0.51443
         465121.27    3770191.81        0.53062                    464696.27    3770216.81
0.31323
         464721.27    3770216.81        0.32082                    464746.27    3770216.81
0.32890
         464771.27    3770216.81        0.33750                    464796.27    3770216.81
0.34676
         464821.27    3770216.81        0.35663                    464846.27    3770216.81
0.36666
         464871.27    3770216.81        0.37610                    464896.27    3770216.81
0.38618
         464921.27    3770216.81        0.39684                    464946.27    3770216.81
0.40824
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK3 ***

INCLUDING SOURCE(S): L0003803 , L0003804 , L0003805 , L0003806 , L0003807 , L0003808 , L0003809 , L0003810 , L0003811 , L0003812 , L0003813 , L0003814 , L0003815 , L0003816 , L0003817 , L0003818 , L0003819 , L0003820 , L0003821 , L0003822 , L0003823 , L0003824 , L0003825 , L0003826 , L0003827 , L0003828 , L0003829 , L0003830 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464971.27	3770216.81	0.42129	464996.27	3770216.81	0.43647
465021.27	3770216.81	0.45448	465046.27	3770216.81	0.46995
465071.27	3770216.81	0.48436	465096.27	3770216.81	0.49923
465121.27	3770216.81	0.51553	464696.27	3770241.81	0.30720
464721.27	3770241.81	0.31389	464746.27	3770241.81	0.32162
464771.27	3770241.81	0.32967	464796.27	3770241.81	0.33852
464821.27	3770241.81	0.34794	464846.27	3770241.81	0.35819
464871.27	3770241.81	0.36759	464896.27	3770241.81	0.37772
464921.27	3770241.81	0.38822	464946.27	3770241.81	0.39978
464971.27	3770241.81	0.41215	464996.27	3770241.81	0.42540
465021.27	3770241.81	0.44217	465046.27	3770241.81	0.45688
465071.27	3770241.81	0.47004	465096.27	3770241.81	0.48371
465121.27	3770241.81	0.49903	464696.27	3770266.81	0.30315
464721.27	3770266.81	0.31027	464746.27	3770266.81	0.31792
464771.27	3770266.81	0.32598	464796.27	3770266.81	0.33439
464821.27	3770266.81	0.34238	464846.27	3770266.81	0.35239
464871.27	3770266.81	0.36224	464896.27	3770266.81	0.37075
464921.27	3770266.81	0.38135	464946.27	3770266.81	0.39394
464971.27	3770266.81	0.40481	464996.27	3770266.81	0.41767
465021.27	3770266.81	0.43329	465046.27	3770266.81	0.44625

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         465071.27    3770266.81        0.45916                    465096.27    3770266.81
0.47388
         465121.27    3770266.81        0.49017                    464696.27    3770291.81
0.29812
         464721.27    3770291.81        0.30528                    464746.27    3770291.81
0.31273
         464771.27    3770291.81        0.32093                    464796.27    3770291.81
0.32920
         464821.27    3770291.81        0.33520                    464846.27    3770291.81
0.34497
         464871.27    3770291.81        0.35501                    464896.27    3770291.81
0.36124
         464921.27    3770291.81        0.37196                    464946.27    3770291.81
0.38568
         464971.27    3770291.81        0.39510                    464996.27    3770291.81
0.40857
         465021.27    3770291.81        0.42468                    465046.27    3770291.81
0.43759
         465071.27    3770291.81        0.45058                    465096.27    3770291.81
0.46495
         465121.27    3770291.81        0.48407                    464696.27    3770316.81
0.29349
         464721.27    3770316.81        0.30054                    464746.27    3770316.81
0.30780
         464771.27    3770316.81        0.31595                    464796.27    3770316.81
0.32374
         464821.27    3770316.81        0.32802                    464846.27    3770316.81
0.33716
         464871.27    3770316.81        0.34691                    464896.27    3770316.81
0.35185
         464921.27    3770316.81        0.36220                    464946.27    3770316.81
0.37631
         464971.27    3770316.81        0.38512                    464996.27    3770316.81
0.39950
         465021.27    3770316.81        0.41687                    465046.27    3770316.81
0.43297
         465071.27    3770316.81        0.44905                    465096.27    3770316.81
0.46381
         465121.27    3770316.81        0.48349                    464696.27    3770341.81
0.29033
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK3   ***
                                  INCLUDING SOURCE(S):     L0003803    , L0003804    , L0003805    ,
L0003806    , L0003807    ,
                    L0003808    , L0003809    , L0003810    , L0003811    , L0003812    , L0003813    ,
L0003814    , L0003815    ,
                    L0003816    , L0003817    , L0003818    , L0003819    , L0003820    , L0003821    ,
L0003822    , L0003823    ,
                    L0003824    , L0003825    , L0003826    , L0003827    , L0003828    , L0003829    ,
L0003830    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
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** CONC OF PM_10 IN MICROGRAMS/M**3

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464721.27	3770341.81	0.29725	464746.27	3770341.81	0.30453
464771.27	3770341.81	0.31254	464796.27	3770341.81	0.31900
464821.27	3770341.81	0.32215	464846.27	3770341.81	0.33029
464871.27	3770341.81	0.33953	464896.27	3770341.81	0.34418
464921.27	3770341.81	0.35377	464946.27	3770341.81	0.36764
464971.27	3770341.81	0.37633	464996.27	3770341.81	0.39167
465021.27	3770341.81	0.41009	465046.27	3770341.81	0.43205
465071.27	3770341.81	0.45454	465096.27	3770341.81	0.47071
465121.27	3770341.81	0.48782	464696.27	3770366.81	0.28546
464721.27	3770366.81	0.29227	464746.27	3770366.81	0.29935
464771.27	3770366.81	0.30756	464796.27	3770366.81	0.31444
464821.27	3770366.81	0.31675	464846.27	3770366.81	0.32334
464871.27	3770366.81	0.33235	464896.27	3770366.81	0.33681
464921.27	3770366.81	0.34559	464946.27	3770366.81	0.35903
464971.27	3770366.81	0.36789	464996.27	3770366.81	0.38426
465021.27	3770366.81	0.40394	464696.27	3770391.81	0.27937
464721.27	3770391.81	0.28602	464746.27	3770391.81	0.29293
464771.27	3770391.81	0.30135	464796.27	3770391.81	0.30869
464821.27	3770391.81	0.31039	464846.27	3770391.81	0.31675
464871.27	3770391.81	0.32510	464896.27	3770391.81	0.32939
464921.27	3770391.81	0.33766	464946.27	3770391.81	0.35079
464971.27	3770391.81	0.36012	464996.27	3770391.81	0.37817
465021.27	3770391.81	0.39768	464696.27	3770416.81	0.27577
464721.27	3770416.81	0.28220	464746.27	3770416.81	0.28895
464771.27	3770416.81	0.29702	464796.27	3770416.81	0.30291
464821.27	3770416.81	0.30404	464846.27	3770416.81	0.30993
464871.27	3770416.81	0.31815	464896.27	3770416.81	0.32264

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK3 ***

INCLUDING SOURCE(S): L0003803 , L0003804 , L0003805 , L0003806 , L0003807 , L0003808 , L0003809 , L0003810 , L0003811 , L0003812 , L0003813 , L0003814 , L0003815 , L0003816 , L0003817 , L0003818 , L0003819 , L0003820 , L0003821 , L0003822 , L0003823 , L0003824 , L0003825 , L0003826 , L0003827 , L0003828 , L0003829 , L0003830 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464696.27	3770466.81	0.26391	464721.27	3770466.81	0.27016
464746.27	3770466.81	0.27601	464771.27	3770466.81	0.28393
464796.27	3770466.81	0.29050	464821.27	3770466.81	0.29202
464846.27	3770466.81	0.29822	464871.27	3770466.81	

464921.27	3770416.81	0.33096	464946.27	3770416.81	0.34309
464971.27	3770416.81	0.35188	464996.27	3770416.81	0.37078
465021.27	3770416.81	0.39019	464696.27	3770441.81	0.27068
464721.27	3770441.81	0.27698	464746.27	3770441.81	0.28337
464771.27	3770441.81	0.29119	464796.27	3770441.81	0.29681
464821.27	3770441.81	0.29789	464846.27	3770441.81	0.30367
464871.27	3770441.81	0.31193	464896.27	3770441.81	0.31667
464921.27	3770441.81	0.32525	464946.27	3770441.81	0.33657
464971.27	3770441.81	0.34439	464996.27	3770441.81	0.36306
465021.27	3770441.81	0.38192	465871.27	3770441.81	1.09078
465896.27	3770441.81	1.12708	465921.27	3770441.81	1.15616
465946.27	3770441.81	1.19936	465971.27	3770441.81	1.26655
465996.27	3770441.81	1.31022	466021.27	3770441.81	1.34146

0.30655
464896.27 3770466.81 0.31145 464921.27 3770466.81
0.32020
464946.27 3770466.81 0.33096 464971.27 3770466.81
0.33788
464996.27 3770466.81 0.35547 465021.27 3770466.81
0.37344
465871.27 3770466.81 1.02547 465896.27 3770466.81
1.04987
465921.27 3770466.81 1.07405 465946.27 3770466.81
1.11345
465971.27 3770466.81 1.17953 465996.27 3770466.81
1.22249
466021.27 3770466.81 1.25495 464696.27 3770491.81
0.25989
464721.27 3770491.81 0.26578 464746.27 3770491.81
0.27154
464771.27 3770491.81 0.27887 464796.27 3770491.81
0.28449
464821.27 3770491.81 0.28627 464846.27 3770491.81
0.29346
464871.27 3770491.81 0.30188 464896.27 3770491.81
0.30670
464921.27 3770491.81 0.31538 464946.27 3770491.81
0.32579
464971.27 3770491.81 0.33230 464996.27 3770491.81
0.34813
465021.27 3770491.81 0.36470 465871.27 3770491.81
0.97647
465896.27 3770491.81 1.00068 465921.27 3770491.81
1.02477
465946.27 3770491.81 1.05784 465971.27 3770491.81
1.10527
465996.27 3770491.81 1.14128 466021.27 3770491.81
1.17969
464696.27 3770516.81 0.25560 464721.27 3770516.81
0.26119
464746.27 3770516.81 0.26698 464771.27 3770516.81
0.27390
464796.27 3770516.81 0.27884 464821.27 3770516.81
0.28120
464846.27 3770516.81 0.28891 464871.27 3770516.81
0.29727
464896.27 3770516.81 0.30192 464921.27 3770516.81
0.31062
464946.27 3770516.81 0.32085 464971.27 3770516.81
0.32689
464996.27 3770516.81 0.34103 465021.27 3770516.81
0.35649
465871.27 3770516.81 0.93228 465896.27 3770516.81
0.95956
465921.27 3770516.81 0.98557 465946.27 3770516.81
1.01474
465971.27 3770516.81 1.04993 465996.27 3770516.81
1.07254
466021.27 3770516.81 1.11039 464696.27 3770541.81
0.24876
464721.27 3770541.81 0.25479 464746.27 3770541.81
0.26048
464771.27 3770541.81 0.26751 464796.27 3770541.81
0.27296

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK3 ***

INCLUDING SOURCE(S): L0003803 , L0003804 , L0003805 , L0003806 , L0003807 , L0003808 , L0003809 , L0003810 , L0003811 , L0003812 , L0003813 , L0003814 , L0003815 , L0003816 , L0003817 , L0003818 , L0003819 , L0003820 , L0003821 , L0003822 , L0003823 , L0003824 , L0003825 , L0003826 , L0003827 , L0003828 , L0003829 , L0003830 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464821.27	3770541.81	0.27568	464846.27	3770541.81	0.28442
464871.27	3770541.81	0.29302	464896.27	3770541.81	0.29806
464921.27	3770541.81	0.30648	464946.27	3770541.81	0.31622
464971.27	3770541.81	0.32251	464996.27	3770541.81	0.33464
465021.27	3770541.81	0.34857	465871.27	3770541.81	0.87625
465896.27	3770541.81	0.89873	465921.27	3770541.81	0.93762
465946.27	3770541.81	0.97786	465971.27	3770541.81	1.00564
465996.27	3770541.81	1.02207	466021.27	3770541.81	1.05132
464696.27	3770566.81	0.24381	464721.27	3770566.81	0.25012
464746.27	3770566.81	0.25576	464771.27	3770566.81	0.26237
464796.27	3770566.81	0.26745	464821.27	3770566.81	0.27061
464846.27	3770566.81	0.27999	464871.27	3770566.81	0.28897
464896.27	3770566.81	0.29517	464921.27	3770566.81	0.30320
464946.27	3770566.81	0.31225	464971.27	3770566.81	0.31931
464996.27	3770566.81	0.32938	465021.27	3770566.81	0.34124
465871.27	3770566.81	0.82901	465896.27	3770566.81	0.84903
465921.27	3770566.81	0.88970	465946.27	3770566.81	

0.93396
465971.27 3770566.81 0.96280 465996.27 3770566.81
0.98015
466021.27 3770566.81 1.00316 464696.27 3770591.81
0.23983
464721.27 3770591.81 0.24596 464746.27 3770591.81
0.25143
464771.27 3770591.81 0.25748 464796.27 3770591.81
0.26194
464821.27 3770591.81 0.26547 464846.27 3770591.81
0.27508
464871.27 3770591.81 0.28385 464896.27 3770591.81
0.29108
464921.27 3770591.81 0.29882 464946.27 3770591.81
0.30697
464971.27 3770591.81 0.31457 464996.27 3770591.81
0.32328
465021.27 3770591.81 0.33339 465871.27 3770591.81
0.78988
465896.27 3770591.81 0.80892 465921.27 3770591.81
0.84485
465946.27 3770591.81 0.88420 465971.27 3770591.81
0.91313
465996.27 3770591.81 0.93301 466021.27 3770591.81
0.95284
464696.27 3770616.81 0.23334 464721.27 3770616.81
0.23906
464746.27 3770616.81 0.24422 464771.27 3770616.81
0.25049
464796.27 3770616.81 0.25593 464821.27 3770616.81
0.25965
464846.27 3770616.81 0.26893 464871.27 3770616.81
0.27650
464896.27 3770616.81 0.28362 464921.27 3770616.81
0.29109
464946.27 3770616.81 0.29863 464971.27 3770616.81
0.30621
464996.27 3770616.81 0.31442 465021.27 3770616.81
0.32448
465871.27 3770616.81 0.75460 465896.27 3770616.81
0.77359
465921.27 3770616.81 0.80271 465946.27 3770616.81
0.83352
465971.27 3770616.81 0.86092 465996.27 3770616.81
0.88272
466021.27 3770616.81 0.89861 464696.27 3770641.81
0.22580
464721.27 3770641.81 0.23037 464746.27 3770641.81
0.23578
464771.27 3770641.81 0.24337 464796.27 3770641.81
0.25042
464821.27 3770641.81 0.25472 464846.27 3770641.81
0.26156
464871.27 3770641.81 0.26888 464896.27 3770641.81
0.27586
464921.27 3770641.81 0.28318 464946.27 3770641.81
0.29028
464971.27 3770641.81 0.29750 464996.27 3770641.81
0.30594

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TRUCK3   ***
                              INCLUDING SOURCE(S):   L0003803   , L0003804   , L0003805   , L0003806   , L0003807   ,
                L0003808   , L0003809   , L0003810   , L0003811   , L0003812   , L0003813   , L0003814   , L0003815   ,
                L0003816   , L0003817   , L0003818   , L0003819   , L0003820   , L0003821   , L0003822   , L0003823   ,
                L0003824   , L0003825   , L0003826   , L0003827   , L0003828   , L0003829   , L0003830   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

0.24836
464871.27 3770716.81 0.25329 464896.27 3770716.81
0.25842
464921.27 3770716.81 0.26671 464946.27 3770716.81
0.27438
464971.27 3770716.81 0.27877 464996.27 3770716.81
0.28525
465021.27 3770716.81 0.29428 464696.27 3770741.81
0.21349
464721.27 3770741.81 0.21567 464746.27 3770741.81
0.22001
464771.27 3770741.81 0.22549 464796.27 3770741.81
0.22836
464821.27 3770741.81 0.23550 464846.27 3770741.81
0.24342
464871.27 3770741.81 0.24802 464896.27 3770741.81
0.25279
464921.27 3770741.81 0.26097 464946.27 3770741.81
0.26827
464971.27 3770741.81 0.27224 464996.27 3770741.81
0.27852
465021.27 3770741.81 0.28726 464696.27 3770766.81
0.21094
464721.27 3770766.81 0.21284 464746.27 3770766.81
0.21626
464771.27 3770766.81 0.22162 464796.27 3770766.81
0.22441
464821.27 3770766.81 0.23128 464846.27 3770766.81
0.23893
464871.27 3770766.81 0.24327 464896.27 3770766.81
0.24783
464921.27 3770766.81 0.25593 464946.27 3770766.81
0.26283
464971.27 3770766.81 0.26660 464996.27 3770766.81
0.27226
465021.27 3770766.81 0.28035

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK4 ***

INCLUDING SOURCE(S): L0003540 , L0003541 , L0003542 , L0003543 , L0003544 ,
L0003545 , L0003546 , L0003547 , L0003548 , L0003549 , L0003550 , L0003551 , L0003552 ,
L0003553 , L0003554 , L0003555 , L0003556 , L0003557 , L0003558 , L0003559 , L0003560 ,
L0003561 , L0003562 , L0003563 , L0003564 , L0003565 , L0003566 , L0003567 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465946.27	3769266.81	1.66367	465971.27	3769266.81	1.67794
465996.27	3769266.81	1.70230	466021.27	3769266.81	1.72464
466046.27	3769266.81	1.74204	466071.27	3769266.81	1.75507
466096.27	3769266.81	1.76528	466121.27	3769266.81	1.77473
466146.27	3769266.81	1.78383	466171.27	3769266.81	1.79165
466196.27	3769266.81	1.79750	465946.27	3769291.81	1.74948
465971.27	3769291.81	1.77026	465996.27	3769291.81	1.79945
466021.27	3769291.81	1.82053	466046.27	3769291.81	1.83773
466071.27	3769291.81	1.85086	466096.27	3769291.81	1.86120
466121.27	3769291.81	1.87140	466146.27	3769291.81	1.88152
466171.27	3769291.81	1.88919	466196.27	3769291.81	1.89493
465946.27	3769316.81	1.84667	465971.27	3769316.81	1.87776
465996.27	3769316.81	1.90573	466021.27	3769316.81	1.92578
466046.27	3769316.81	1.94203	466071.27	3769316.81	1.95514
466096.27	3769316.81	1.96587	466121.27	3769316.81	1.97658
466146.27	3769316.81	1.98787	466171.27	3769316.81	1.99578
466196.27	3769316.81	2.00123	465946.27	3769341.81	1.96283
465971.27	3769341.81	1.99149	465996.27	3769341.81	2.01957
466021.27	3769341.81	2.03999	466046.27	3769341.81	2.05671
466071.27	3769341.81	2.07039	466096.27	3769341.81	2.08125
466121.27	3769341.81	2.09235	466146.27	3769341.81	2.10467
466171.27	3769341.81	2.11277	466196.27	3769341.81	2.11797
465946.27	3769366.81	2.09160	465971.27	3769366.81	2.11828
465996.27	3769366.81	2.14496	466021.27	3769366.81	2.16614
466046.27	3769366.81	2.18366	466071.27	3769366.81	2.19800
466096.27	3769366.81	2.20989	466121.27	3769366.81	2.22176
466146.27	3769366.81	2.23430	466171.27	3769366.81	2.24203
466196.27	3769366.81	2.24658	464696.27	3770066.81	0.49687
464721.27	3770066.81	0.51357	464746.27	3770066.81	

0.53058
         464771.27   3770066.81   0.54726   464796.27   3770066.81
0.56404
         464821.27   3770066.81   0.57919   464846.27   3770066.81
0.59908
         464871.27   3770066.81   0.62267   464896.27   3770066.81
0.64777
         464921.27   3770066.81   0.67357   464946.27   3770066.81
0.70508
         464971.27   3770066.81   0.74904   464996.27   3770066.81
0.79774
         465021.27   3770066.81   0.85216   464696.27   3770091.81
0.48851
         464721.27   3770091.81   0.50516   464746.27   3770091.81
0.52231
         464771.27   3770091.81   0.53973   464796.27   3770091.81
0.55516
         464821.27   3770091.81   0.56836   464846.27   3770091.81
0.58693
         464871.27   3770091.81   0.60932   464896.27   3770091.81
0.63327
         464921.27   3770091.81   0.65877   464946.27   3770091.81
0.68776

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK4   ***
                                  INCLUDING SOURCE(S):   L0003540   , L0003541   , L0003542   ,
L0003543   , L0003544   ,
                 L0003545   , L0003546   , L0003547   , L0003548   , L0003549   , L0003550   ,
L0003551   , L0003552   ,
                 L0003553   , L0003554   , L0003555   , L0003556   , L0003557   , L0003558   ,
L0003559   , L0003560   ,
                 L0003561   , L0003562   , L0003563   , L0003564   , L0003565   , L0003566   ,
L0003567   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 -
- - - - - - - - - - - - - -
         464971.27   3770091.81   0.72902   464996.27   3770091.81
0.77615
         465021.27   3770091.81   0.82872   464696.27   3770116.81
0.47921
         464721.27   3770116.81   0.49553   464746.27   3770116.81
0.51305
         464771.27   3770116.81   0.53073   464796.27   3770116.81
0.54773
         464821.27   3770116.81   0.56174   464846.27   3770116.81
0.57949

464871.27 3770116.81 0.60070 464896.27 3770116.81
0.62385
464921.27 3770116.81 0.64914 464946.27 3770116.81
0.67754
464971.27 3770116.81 0.71253 464996.27 3770116.81
0.75863
465021.27 3770116.81 0.80719 465046.27 3770116.81
0.85297
465071.27 3770116.81 0.89949 464696.27 3770141.81
0.46982
464721.27 3770141.81 0.48569 464746.27 3770141.81
0.50235
464771.27 3770141.81 0.51946 464796.27 3770141.81
0.53732
464821.27 3770141.81 0.55337 464846.27 3770141.81
0.57125
464871.27 3770141.81 0.59185 464896.27 3770141.81
0.61416
464921.27 3770141.81 0.63871 464946.27 3770141.81
0.66614
464971.27 3770141.81 0.69851 464996.27 3770141.81
0.74063
465021.27 3770141.81 0.78811 465046.27 3770141.81
0.82966
465071.27 3770141.81 0.87037 464696.27 3770166.81
0.45996
464721.27 3770166.81 0.47508 464746.27 3770166.81
0.49081
464771.27 3770166.81 0.50745 464796.27 3770166.81
0.52633
464821.27 3770166.81 0.54434 464846.27 3770166.81
0.56210
464871.27 3770166.81 0.58238 464896.27 3770166.81
0.60415
464921.27 3770166.81 0.62794 464946.27 3770166.81
0.65561
464971.27 3770166.81 0.68599 464996.27 3770166.81
0.72513
465021.27 3770166.81 0.76781 465046.27 3770166.81
0.80728
465071.27 3770166.81 0.84694 464696.27 3770191.81
0.44997
464721.27 3770191.81 0.46419 464746.27 3770191.81
0.47934
464771.27 3770191.81 0.49562 464796.27 3770191.81
0.51372
464821.27 3770191.81 0.53280 464846.27 3770191.81
0.55231
464871.27 3770191.81 0.57208 464896.27 3770191.81
0.59329
464921.27 3770191.81 0.61645 464946.27 3770191.81
0.64178
464971.27 3770191.81 0.67185 464996.27 3770191.81
0.70651
465021.27 3770191.81 0.74554 465046.27 3770191.81
0.78306
465071.27 3770191.81 0.82270 465096.27 3770191.81
0.86331
465121.27 3770191.81 0.90455 464696.27 3770216.81
0.43841
464721.27 3770216.81 0.45230 464746.27 3770216.81

0.46721
         464771.27   3770216.81   0.48323   464796.27   3770216.81
0.50060
         464821.27   3770216.81   0.51932   464846.27   3770216.81
0.53877
         464871.27   3770216.81   0.55786   464896.27   3770216.81
0.57850
         464921.27   3770216.81   0.60065   464946.27   3770216.81
0.62466

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK4   ***
                                  INCLUDING SOURCE(S):   L0003540   , L0003541   , L0003542   ,
L0003543   , L0003544   ,
                 L0003545   , L0003546   , L0003547   , L0003548   , L0003549   , L0003550   ,
L0003551   , L0003552   ,
                 L0003553   , L0003554   , L0003555   , L0003556   , L0003557   , L0003558   ,
L0003559   , L0003560   ,
                 L0003561   , L0003562   , L0003563   , L0003564   , L0003565   , L0003566   ,
L0003567   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 - - -

```
         465121.27    3770241.81        0.83087                    464696.27    3770266.81
0.42138
         464721.27    3770266.81        0.43425                    464746.27    3770266.81
0.44817
         464771.27    3770266.81        0.46299                    464796.27    3770266.81
0.47864
         464821.27    3770266.81        0.49405                    464846.27    3770266.81
0.51288
         464871.27    3770266.81        0.53195                    464896.27    3770266.81
0.54942
         464921.27    3770266.81        0.57066                    464946.27    3770266.81
0.59562
         464971.27    3770266.81        0.61855                    464996.27    3770266.81
0.64538
         465021.27    3770266.81        0.67749                    465046.27    3770266.81
0.70632
         465071.27    3770266.81        0.73605                    465096.27    3770266.81
0.76993
         465121.27    3770266.81        0.80773                    464696.27    3770291.81
0.41286
         464721.27    3770291.81        0.42563                    464746.27    3770291.81
0.43907
         464771.27    3770291.81        0.45389                    464796.27    3770291.81
0.46914
         464821.27    3770291.81        0.48131                    464846.27    3770291.81
0.49949
         464871.27    3770291.81        0.51850                    464896.27    3770291.81
0.53211
         464921.27    3770291.81        0.55308                    464946.27    3770291.81
0.57933
         464971.27    3770291.81        0.59944                    464996.27    3770291.81
0.62667
         465021.27    3770291.81        0.65890                    465046.27    3770291.81
0.68685
         465071.27    3770291.81        0.71585                    465096.27    3770291.81
0.74809
         465121.27    3770291.81        0.78945                    464696.27    3770316.81
0.40491
         464721.27    3770316.81        0.41737                    464746.27    3770316.81
0.43036
         464771.27    3770316.81        0.44492                    464796.27    3770316.81
0.45923
         464821.27    3770316.81        0.46858                    464846.27    3770316.81
0.48553
         464871.27    3770316.81        0.50379                    464896.27    3770316.81
0.51500
         464921.27    3770316.81        0.53500                    464946.27    3770316.81
0.56139
         464971.27    3770316.81        0.58001                    464996.27    3770316.81
0.60806
         465021.27    3770316.81        0.64168                    465046.27    3770316.81
0.67400
         465071.27    3770316.81        0.70720                    465096.27    3770316.81
0.73924
         465121.27    3770316.81        0.78180                    464696.27    3770341.81
0.39909
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***       01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***       15:16:13
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK4 ***

INCLUDING SOURCE(S): L0003540 , L0003541 , L0003542 , L0003543 , L0003544 , L0003545 , L0003546 , L0003547 , L0003548 , L0003549 , L0003550 , L0003551 , L0003552 , L0003553 , L0003554 , L0003555 , L0003556 , L0003557 , L0003558 , L0003559 , L0003560 , L0003561 , L0003562 , L0003563 , L0003564 , L0003565 , L0003566 , L0003567 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464721.27	3770341.81	0.41121	464746.27	3770341.81	0.42408
464771.27	3770341.81	0.43825	464796.27	3770341.81	0.45042
464821.27	3770341.81	0.45785	464846.27	3770341.81	0.47303
464871.27	3770341.81	0.49020	464896.27	3770341.81	0.50062
464921.27	3770341.81	0.51905	464946.27	3770341.81	0.54466
464971.27	3770341.81	0.56259	464996.27	3770341.81	0.59161
465021.27	3770341.81	0.62620	465046.27	3770341.81	0.66703
465071.27	3770341.81	0.71004	465096.27	3770341.81	0.74423
465121.27	3770341.81	0.78058	464696.27	3770366.81	0.39082
464721.27	3770366.81	0.40263	464746.27	3770366.81	0.41503
464771.27	3770366.81	0.42932	464796.27	3770366.81	0.44191
464821.27	3770366.81	0.44787	464846.27	3770366.81	0.46043
464871.27	3770366.81	0.47698	464896.27	3770366.81	0.48680
464921.27	3770366.81	0.50359	464946.27	3770366.81	0.52812
464971.27	3770366.81	0.54588	464996.27	3770366.81	0.57596
465021.27	3770366.81	0.61185	464696.27	3770391.81	0.38079
464721.27	3770391.81	0.39222	464746.27	3770391.81	0.40421
464771.27	3770391.81	0.41862	464796.27	3770391.81	0.43167
464821.27	3770391.81	0.43650	464846.27	3770391.81	0.44848

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         464871.27    3770391.81        0.46373                    464896.27    3770391.81
0.47301
         464921.27    3770391.81        0.48868                    464946.27    3770391.81
0.51229
         464971.27    3770391.81        0.53035                    464996.27    3770391.81
0.56254
         465021.27    3770391.81        0.59745                    464696.27    3770416.81
0.37441
         464721.27    3770416.81        0.38537                    464746.27    3770416.81
0.39698
         464771.27    3770416.81        0.41071                    464796.27    3770416.81
0.42145
         464821.27    3770416.81        0.42523                    464846.27    3770416.81
0.43628
         464871.27    3770416.81        0.45107                    464896.27    3770416.81
0.46040
         464921.27    3770416.81        0.47584                    464946.27    3770416.81
0.49748
         464971.27    3770416.81        0.51427                    464996.27    3770416.81
0.54724
         465021.27    3770416.81        0.58133                    464696.27    3770441.81
0.36591
         464721.27    3770441.81        0.37656                    464746.27    3770441.81
0.38749
         464771.27    3770441.81        0.40066                    464796.27    3770441.81
0.41080
         464821.27    3770441.81        0.41437                    464846.27    3770441.81
0.42504
         464871.27    3770441.81        0.43963                    464896.27    3770441.81
0.44912
         464921.27    3770441.81        0.46464                    464946.27    3770441.81
0.48464
         464971.27    3770441.81        0.49955                    464996.27    3770441.81
0.53160
         465021.27    3770441.81        0.56422                    465871.27    3770441.81
1.65429
         465896.27    3770441.81        1.68397                    465921.27    3770441.81
1.70600
         465946.27    3770441.81        1.74327                    465971.27    3770441.81
1.80490
         465996.27    3770441.81        1.83942                    466021.27    3770441.81
1.85365
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK4   ***
                                  INCLUDING SOURCE(S):     L0003540    , L0003541    , L0003542    ,
L0003543    , L0003544    ,
                    L0003545    , L0003546    , L0003547    , L0003548    , L0003549    , L0003550    ,
L0003551    , L0003552    ,
                    L0003553    , L0003554    , L0003555    , L0003556    , L0003557    , L0003558    ,
L0003559    , L0003560    ,
                    L0003561    , L0003562    , L0003563    , L0003564    , L0003565    , L0003566    ,
L0003567    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464696.27	3770466.81	0.35509	464721.27	3770466.81	0.36550
464746.27	3770466.81	0.37548	464771.27	3770466.81	0.38861
464796.27	3770466.81	0.39995	464821.27	3770466.81	0.40403
464846.27	3770466.81	0.41512	464871.27	3770466.81	0.42957
464896.27	3770466.81	0.43908	464921.27	3770466.81	0.45457
464946.27	3770466.81	0.47335	464971.27	3770466.81	0.48654
464996.27	3770466.81	0.51636	465021.27	3770466.81	0.54703
465871.27	3770466.81	1.51407	465896.27	3770466.81	1.53261
465921.27	3770466.81	1.55122	465946.27	3770466.81	1.58607
465971.27	3770466.81	1.64806	465996.27	3770466.81	1.68566
466021.27	3770466.81	1.70506	464696.27	3770491.81	0.34826
464721.27	3770491.81	0.35803	464746.27	3770491.81	0.36773
464771.27	3770491.81	0.37985	464796.27	3770491.81	0.38963
464821.27	3770491.81	0.39397	464846.27	3770491.81	0.40631
464871.27	3770491.81	0.42065	464896.27	3770491.81	0.42983
464921.27	3770491.81	0.44493	464946.27	3770491.81	0.46282
464971.27	3770491.81	0.47509	464996.27	3770491.81	0.50169
465021.27	3770491.81	0.52969	465871.27	3770491.81	1.40710
465896.27	3770491.81	1.42583	465921.27	3770491.81	1.44460
465946.27	3770491.81	1.47307	465971.27	3770491.81	1.51583
465996.27	3770491.81	1.54514	466021.27	3770491.81	1.57610
464696.27	3770516.81	0.34111	464721.27	3770516.81	0.35033
464746.27	3770516.81	0.35995	464771.27	3770516.81	0.37130
464796.27	3770516.81	0.37994	464821.27	3770516.81	0.38500
464846.27	3770516.81	0.39788	464871.27	3770516.81	0.41189
464896.27	3770516.81	0.42064	464921.27	3770516.81	0.43547

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         464946.27    3770516.81        0.45276                     464971.27    3770516.81
0.46401
         464996.27    3770516.81        0.48758                     465021.27    3770516.81
0.51339
         465871.27    3770516.81        1.31415                     465896.27    3770516.81
1.33685
         465921.27    3770516.81        1.35778                     465946.27    3770516.81
1.38190
         465971.27    3770516.81        1.41268                     465996.27    3770516.81
1.42904
         466021.27    3770516.81        1.45999                     464696.27    3770541.81
0.33045
         464721.27    3770541.81        0.34015                     464746.27    3770541.81
0.34947
         464771.27    3770541.81        0.36081                     464796.27    3770541.81
0.37003
         464821.27    3770541.81        0.37546                     464846.27    3770541.81
0.38962
         464871.27    3770541.81        0.40374                     464896.27    3770541.81
0.41286
         464921.27    3770541.81        0.42701                     464946.27    3770541.81
0.44327
         464971.27    3770541.81        0.45460                     464996.27    3770541.81
0.47473
         465021.27    3770541.81        0.49777                     465871.27    3770541.81
1.21319
         465896.27    3770541.81        1.23140                     465921.27    3770541.81
1.26802
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***       01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***       15:16:13

                PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK4   ***
                                  INCLUDING SOURCE(S):     L0003540    , L0003541    , L0003542    ,
L0003543    , L0003544    ,
                 L0003545    , L0003546    , L0003547    , L0003548    , L0003549    , L0003550    ,
L0003551    , L0003552    ,
                 L0003553    , L0003554    , L0003555    , L0003556    , L0003557    , L0003558    ,
L0003559    , L0003560    ,
                 L0003561    , L0003562    , L0003563    , L0003564    , L0003565    , L0003566    ,
L0003567    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
         465946.27    3770541.81        1.30629                     465971.27    3770541.81
1.32751
         465996.27    3770541.81        1.33740                     466021.27    3770541.81
1.36172
         464696.27    3770566.81        0.32253                     464721.27    3770566.81
```

0.33248
464746.27 3770566.81 0.34160 464771.27 3770566.81
0.35220
464796.27 3770566.81 0.36073 464821.27 3770566.81
0.36667
464846.27 3770566.81 0.38152 464871.27 3770566.81
0.39594
464896.27 3770566.81 0.40653 464921.27 3770566.81
0.41986
464946.27 3770566.81 0.43482 464971.27 3770566.81
0.44701
464996.27 3770566.81 0.46374 465021.27 3770566.81
0.48326
465871.27 3770566.81 1.12808 465896.27 3770566.81
1.14412
465921.27 3770566.81 1.18390 465946.27 3770566.81
1.22615
465971.27 3770566.81 1.24971 465996.27 3770566.81
1.26137
466021.27 3770566.81 1.27854 464696.27 3770591.81
0.31599
464721.27 3770591.81 0.32557 464746.27 3770591.81
0.33435
464771.27 3770591.81 0.34400 464796.27 3770591.81
0.35155
464821.27 3770591.81 0.35784 464846.27 3770591.81
0.37279
464871.27 3770591.81 0.38669 464896.27 3770591.81
0.39852
464921.27 3770591.81 0.41120 464946.27 3770591.81
0.42456
464971.27 3770591.81 0.43727 464996.27 3770591.81
0.45166
465021.27 3770591.81 0.46823 465871.27 3770591.81
1.05747
465896.27 3770591.81 1.07283 465921.27 3770591.81
1.10772
465946.27 3770591.81 1.14440 465971.27 3770591.81
1.16869
465996.27 3770591.81 1.18497 466021.27 3770591.81
1.19850
464696.27 3770616.81 0.30606 464721.27 3770616.81
0.31496
464746.27 3770616.81 0.32317 464771.27 3770616.81
0.33298
464796.27 3770616.81 0.34173 464821.27 3770616.81
0.34816
464846.27 3770616.81 0.36243 464871.27 3770616.81
0.37442
464896.27 3770616.81 0.38586 464921.27 3770616.81
0.39789
464946.27 3770616.81 0.41011 464971.27 3770616.81
0.42247
464996.27 3770616.81 0.43582 465021.27 3770616.81
0.45192
465871.27 3770616.81 0.99518 465896.27 3770616.81
1.01090
465921.27 3770616.81 1.03819 465946.27 3770616.81
1.06642
465971.27 3770616.81 1.08992 465996.27 3770616.81
1.10727

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK4 ***

INCLUDING SOURCE(S): L0003540 , L0003541 , L0003542 , L0003543 , L0003544 ,
L0003545 , L0003546 , L0003547 , L0003548 , L0003549 , L0003550 , L0003551 , L0003552 ,
L0003553 , L0003554 , L0003555 , L0003556 , L0003557 , L0003558 , L0003559 , L0003560 ,
L0003561 , L0003562 , L0003563 , L0003564 , L0003565 , L0003566 , L0003567 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465021.27	3770641.81	0.43664	464696.27	3770666.81	0.28973
464721.27	3770666.81	0.29598	464746.27	3770666.81	0.30435
464771.27	3770666.81	0.31484	464796.27	3770666.81	0.32386
464821.27	3770666.81	0.33309	464846.27	3770666.81	0.34417
464871.27	3770666.81	0.35466	464896.27	3770666.81	0.36513
464921.27	3770666.81	0.37669	464946.27	3770666.81	0.38825
464971.27	3770666.81	0.39858	464996.27	3770666.81	0.41012
465021.27	3770666.81	0.42380	464696.27	3770691.81	0.28459
464721.27	3770691.81	0.28975	464746.27	3770691.81	0.29798
464771.27	3770691.81	0.30744	464796.27	3770691.81	

0.31408
464821.27 3770691.81 0.32456 464846.27 3770691.81
0.33636
464871.27 3770691.81 0.34529 464896.27 3770691.81
0.35444
464921.27 3770691.81 0.36644 464946.27 3770691.81
0.37814
464971.27 3770691.81 0.38673 464996.27 3770691.81
0.39707
465021.27 3770691.81 0.41034 464696.27 3770716.81
0.27919
464721.27 3770716.81 0.28339 464746.27 3770716.81
0.29103
464771.27 3770716.81 0.29980 464796.27 3770716.81
0.30489
464821.27 3770716.81 0.31561 464846.27 3770716.81
0.32752
464871.27 3770716.81 0.33514 464896.27 3770716.81
0.34306
464921.27 3770716.81 0.35533 464946.27 3770716.81
0.36679
464971.27 3770716.81 0.37376 464996.27 3770716.81
0.38364
465021.27 3770716.81 0.39704 464696.27 3770741.81
0.27454
464721.27 3770741.81 0.27817 464746.27 3770741.81
0.28470
464771.27 3770741.81 0.29280 464796.27 3770741.81
0.29741
464821.27 3770741.81 0.30781 464846.27 3770741.81
0.31929
464871.27 3770741.81 0.32630 464896.27 3770741.81
0.33358
464921.27 3770741.81 0.34550 464946.27 3770741.81
0.35625
464971.27 3770741.81 0.36247 464996.27 3770741.81
0.37185
465021.27 3770741.81 0.38463 464696.27 3770766.81
0.27025
464721.27 3770766.81 0.27344 464746.27 3770766.81
0.27866
464771.27 3770766.81 0.28648 464796.27 3770766.81
0.29088
464821.27 3770766.81 0.30077 464846.27 3770766.81
0.31173
464871.27 3770766.81 0.31826 464896.27 3770766.81
0.32510
464921.27 3770766.81 0.33673 464946.27 3770766.81
0.34677
464971.27 3770766.81 0.35255 464996.27 3770766.81
0.36089
465021.27 3770766.81 0.37257

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YTRK ***

INCLUDING SOURCE(S): L0003519 , L0003520 , L0003521 , L0003522 , L0003523 , L0003524 , L0003525 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465946.27	3769266.81	1.66426	465971.27	3769266.81	1.61626
465996.27	3769266.81	1.57694	466021.27	3769266.81	1.53666
466046.27	3769266.81	1.49404	466071.27	3769266.81	1.45015
466096.27	3769266.81	1.40629	466121.27	3769266.81	1.36369
466146.27	3769266.81	1.32255	466171.27	3769266.81	1.28244
466196.27	3769266.81	1.24312	465946.27	3769291.81	1.74165
465971.27	3769291.81	1.69293	465996.27	3769291.81	1.65117
466021.27	3769291.81	1.60453	466046.27	3769291.81	1.55683
466071.27	3769291.81	1.50850	466096.27	3769291.81	1.46059
466121.27	3769291.81	1.41453	466146.27	3769291.81	1.37029
466171.27	3769291.81	1.32683	466196.27	3769291.81	1.28447
465946.27	3769316.81	1.82686	465971.27	3769316.81	1.77907
465996.27	3769316.81	1.72961	466021.27	3769316.81	1.67631
466046.27	3769316.81	1.62265	466071.27	3769316.81	1.56943
466096.27	3769316.81	1.51724	466121.27	3769316.81	1.46730
466146.27	3769316.81	1.41973	466171.27	3769316.81	1.37286
466196.27	3769316.81	1.32718	465946.27	3769341.81	1.92495
465971.27	3769341.81	1.86733	465996.27	3769341.81	1.81069
466021.27	3769341.81	1.75115	466046.27	3769341.81	1.69190
466071.27	3769341.81	1.63363	466096.27	3769341.81	1.57664
466121.27	3769341.81	1.52239	466146.27	3769341.81	1.47110
466171.27	3769341.81	1.42054	466196.27	3769341.81	1.37136
465946.27	3769366.81	2.02971	465971.27	3769366.81	1.96183

```
        465996.27    3769366.81        1.89630                     466021.27    3769366.81
1.83010
        466046.27    3769366.81        1.76484                     466071.27    3769366.81
1.70106
        466096.27    3769366.81        1.63924                     466121.27    3769366.81
1.58043
        466146.27    3769366.81        1.52472                     466171.27    3769366.81
1.46999
        466196.27    3769366.81        1.41696                     464696.27    3770066.81
1.13695
        464721.27    3770066.81        1.19334                     464746.27    3770066.81
1.25197
        464771.27    3770066.81        1.31336                     464796.27    3770066.81
1.37564
        464821.27    3770066.81        1.43758                     464846.27    3770066.81
1.51449
        464871.27    3770066.81        1.60474                     464896.27    3770066.81
1.70327
        464921.27    3770066.81        1.80776                     464946.27    3770066.81
1.93467
        464971.27    3770066.81        2.10514                     464996.27    3770066.81
2.30432
        465021.27    3770066.81        2.51301                     464696.27    3770091.81
1.10954
        464721.27    3770091.81        1.16482                     464746.27    3770091.81
1.22303
        464771.27    3770091.81        1.28357                     464796.27    3770091.81
1.34318
        464821.27    3770091.81        1.39957                     464846.27    3770091.81
1.46973
        464871.27    3770091.81        1.55411                     464896.27    3770091.81
1.64644
        464921.27    3770091.81        1.74721                     464946.27    3770091.81
1.86353
1 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

               PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: YTRK     ***
                                INCLUDING SOURCE(S):     L0003519    , L0003520    , L0003521    ,
L0003522    , L0003523    ,
                 L0003524    , L0003525    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        464971.27    3770091.81        2.02084                     464996.27    3770091.81
2.20652
        465021.27    3770091.81        2.41949                     464696.27    3770116.81
1.08105
```

464721.27 3770116.81 1.13438 464746.27 3770116.81
1.19159
464771.27 3770116.81 1.25186 464796.27 3770116.81
1.31287
464821.27 3770116.81 1.36930 464846.27 3770116.81
1.43672
464871.27 3770116.81 1.51562 464896.27 3770116.81
1.60322
464921.27 3770116.81 1.70075 464946.27 3770116.81
1.81030
464971.27 3770116.81 1.94651 464996.27 3770116.81
2.11832
465021.27 3770116.81 2.31783 465046.27 3770116.81
2.51159
465071.27 3770116.81 2.71498 464696.27 3770141.81
1.05201
464721.27 3770141.81 1.10301 464746.27 3770141.81
1.15762
464771.27 3770141.81 1.21504 464796.27 3770141.81
1.27624
464821.27 3770141.81 1.33512 464846.27 3770141.81
1.40009
464871.27 3770141.81 1.47522 464896.27 3770141.81
1.55799
464921.27 3770141.81 1.65050 464946.27 3770141.81
1.75541
464971.27 3770141.81 1.87877 464996.27 3770141.81
2.03578
465021.27 3770141.81 2.21725 465046.27 3770141.81
2.39243
465071.27 3770141.81 2.57037 464696.27 3770166.81
1.02233
464721.27 3770166.81 1.07032 464746.27 3770166.81
1.12123
464771.27 3770166.81 1.17604 464796.27 3770166.81
1.23634
464821.27 3770166.81 1.29820 464846.27 3770166.81
1.36375
464871.27 3770166.81 1.43614 464896.27 3770166.81
1.51525
464921.27 3770166.81 1.60300 464946.27 3770166.81
1.70238
464971.27 3770166.81 1.81721 464996.27 3770166.81
1.95844
465021.27 3770166.81 2.11835 465046.27 3770166.81
2.27789
465071.27 3770166.81 2.44444 464696.27 3770191.81
0.99016
464721.27 3770191.81 1.03475 464746.27 3770191.81
1.08291
464771.27 3770191.81 1.13537 464796.27 3770191.81
1.19416
464821.27 3770191.81 1.25734 464846.27 3770191.81
1.32359
464871.27 3770191.81 1.39256 464896.27 3770191.81
1.46778
464921.27 3770191.81 1.55105 464946.27 3770191.81
1.64345
464971.27 3770191.81 1.75001 464996.27 3770191.81
1.87674
465021.27 3770191.81 2.01891 465046.27 3770191.81

2.16432
        465071.27   3770191.81   2.31868   465096.27   3770191.81
2.48212
        465121.27   3770191.81   2.65697   464696.27   3770216.81
0.95459
        464721.27   3770216.81   0.99722   464746.27   3770216.81
1.04352
        464771.27   3770216.81   1.09390   464796.27   3770216.81
1.14920
        464821.27   3770216.81   1.20966   464846.27   3770216.81
1.27382
        464871.27   3770216.81   1.33885   464896.27   3770216.81
1.41006
        464921.27   3770216.81   1.48770   464946.27   3770216.81
1.57307

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: YTRK   ***
                                INCLUDING SOURCE(S):   L0003519   , L0003520   , L0003521   ,
L0003522   , L0003523   ,
                L0003524   , L0003525   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 - - -

```
2.17722
         465121.27    3770241.81        2.31903                    464696.27    3770266.81
0.90021
         464721.27    3770266.81        0.93853                    464746.27    3770266.81
0.98031
         464771.27    3770266.81        1.02531                    464796.27    3770266.81
1.07354
         464821.27    3770266.81        1.12246                    464846.27    3770266.81
1.18125
         464871.27    3770266.81        1.24227                    464896.27    3770266.81
1.30082
         464921.27    3770266.81        1.37088                    464946.27    3770266.81
1.45290
         464971.27    3770266.81        1.53153                    464996.27    3770266.81
1.62312
         465021.27    3770266.81        1.73226                    465046.27    3770266.81
1.83429
         465071.27    3770266.81        1.94111                    465096.27    3770266.81
2.06241
         465121.27    3770266.81        2.19763                    464696.27    3770291.81
0.87377
         464721.27    3770291.81        0.91100                    464746.27    3770291.81
0.95070
         464771.27    3770291.81        0.99460                    464796.27    3770291.81
1.04065
         464821.27    3770291.81        1.08051                    464846.27    3770291.81
1.13598
         464871.27    3770291.81        1.19494                    464896.27    3770291.81
1.24199
         464921.27    3770291.81        1.30884                    464946.27    3770291.81
1.39092
         464971.27    3770291.81        1.45913                    464996.27    3770291.81
1.54776
         465021.27    3770291.81        1.65239                    465046.27    3770291.81
1.74730
         465071.27    3770291.81        1.84681                    465096.27    3770291.81
1.95716
         465121.27    3770291.81        2.09558                    464696.27    3770316.81
0.84910
         464721.27    3770316.81        0.88480                    464746.27    3770316.81
0.92254
         464771.27    3770316.81        0.96481                    464796.27    3770316.81
1.00752
         464821.27    3770316.81        1.03962                    464846.27    3770316.81
1.09057
         464871.27    3770316.81        1.14591                    464896.27    3770316.81
1.18552
         464921.27    3770316.81        1.24762                    464946.27    3770316.81
1.32700
         464971.27    3770316.81        1.38871                    464996.27    3770316.81
1.47560
         465021.27    3770316.81        1.57895                    465046.27    3770316.81
1.68141
         465071.27    3770316.81        1.78797                    465096.27    3770316.81
1.89251
         465121.27    3770316.81        2.02401                    464696.27    3770341.81
0.82955
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YTRK ***

INCLUDING SOURCE(S): L0003519 , L0003520 , L0003521 , L0003522 , L0003523 , L0003524 , L0003525 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464721.27	3770341.81	0.86376	464746.27	3770341.81	0.90040
464771.27	3770341.81	0.94082	464796.27	3770341.81	0.97760
464821.27	3770341.81	1.00441	464846.27	3770341.81	1.04980
464871.27	3770341.81	1.10088	464896.27	3770341.81	1.13726
464921.27	3770341.81	1.19345	464946.27	3770341.81	1.26802
464971.27	3770341.81	1.32551	464996.27	3770341.81	1.41120
465021.27	3770341.81	1.51243	465046.27	3770341.81	1.63301
465071.27	3770341.81	1.75758	465096.27	3770341.81	1.86256
465121.27	3770341.81	1.97092	464696.27	3770366.81	0.80509
464721.27	3770366.81	0.83782	464746.27	3770366.81	0.87256
464771.27	3770366.81	0.91220	464796.27	3770366.81	0.94894
464821.27	3770366.81	0.97170	464846.27	3770366.81	1.00988
464871.27	3770366.81	1.05789	464896.27	3770366.81	1.09158
464921.27	3770366.81	1.14201	464946.27	3770366.81	1.21129
464971.27	3770366.81	1.26594	464996.27	3770366.81	1.35065
465021.27	3770366.81	1.45072	464696.27	3770391.81	0.77746
464721.27	3770391.81	0.80858	464746.27	3770391.81	0.84154
464771.27	3770391.81	0.88038	464796.27	3770391.81	0.91708
464821.27	3770391.81	0.93664	464846.27	3770391.81	0.97234
464871.27	3770391.81	1.01597	464896.27	3770391.81	1.04713
464921.27	3770391.81	1.09317	464946.27	3770391.81	1.15785

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        464971.27    3770391.81        1.21085                     464996.27    3770391.81
1.29697
        465021.27    3770391.81        1.39074                     464696.27    3770416.81
0.75788
        464721.27    3770416.81        0.78734                     464746.27    3770416.81
0.81872
        464771.27    3770416.81        0.85516                     464796.27    3770416.81
0.88596
        464821.27    3770416.81        0.90260                     464846.27    3770416.81
0.93513
        464871.27    3770416.81        0.97632                     464896.27    3770416.81
1.00625
        464921.27    3770416.81        1.05007                     464946.27    3770416.81
1.10812
        464971.27    3770416.81        1.15605                     464996.27    3770416.81
1.24053
        465021.27    3770416.81        1.32866                     464696.27    3770441.81
0.73435
        464721.27    3770441.81        0.76245                     464746.27    3770441.81
0.79165
        464771.27    3770441.81        0.82598                     464796.27    3770441.81
0.85463
        464821.27    3770441.81        0.87007                     464846.27    3770441.81
0.90069
        464871.27    3770441.81        0.94011                     464896.27    3770441.81
0.96915
        464921.27    3770441.81        1.01147                     464946.27    3770441.81
1.06390
        464971.27    3770441.81        1.10571                     464996.27    3770441.81
1.18505
        465021.27    3770441.81        1.26649                     465871.27    3770441.81
2.71031
        465896.27    3770441.81        2.74910                     465921.27    3770441.81
2.78207
        465946.27    3770441.81        2.81310                     465971.27    3770441.81
2.82841
        465996.27    3770441.81        2.82671                     466021.27    3770441.81
2.82144
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: YTRK     ***
                                INCLUDING SOURCE(S):     L0003519    , L0003520    , L0003521    ,
L0003522    , L0003523    ,
                 L0003524    , L0003525    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
```

464696.27 3770466.81 0.70657 464721.27 3770466.81
0.73351
464746.27 3770466.81 0.76001 464771.27 3770466.81
0.79335
464796.27 3770466.81 0.82352 464821.27 3770466.81
0.83926
464846.27 3770466.81 0.86970 464871.27 3770466.81
0.90749
464896.27 3770466.81 0.93538 464921.27 3770466.81
0.97605
464946.27 3770466.81 1.02398 464971.27 3770466.81
1.06030
464996.27 3770466.81 1.13211 465021.27 3770466.81
1.20626
465871.27 3770466.81 2.45756 465896.27 3770466.81
2.49046
465921.27 3770466.81 2.52443 465946.27 3770466.81
2.56261
465971.27 3770466.81 2.59321 465996.27 3770466.81
2.60579
466021.27 3770466.81 2.61007 464696.27 3770491.81
0.68721
464721.27 3770491.81 0.71221 464746.27 3770491.81
0.73747
464771.27 3770491.81 0.76791 464796.27 3770491.81
0.79407
464821.27 3770491.81 0.80961 464846.27 3770491.81
0.84153
464871.27 3770491.81 0.87783 464896.27 3770491.81
0.90388
464921.27 3770491.81 0.94223 464946.27 3770491.81
0.98655
464971.27 3770491.81 1.01930 464996.27 3770491.81
1.08197
465021.27 3770491.81 1.14774 465871.27 3770491.81
2.24698
465896.27 3770491.81 2.27711 465921.27 3770491.81
2.30865
465946.27 3770491.81 2.34409 465971.27 3770491.81
2.37719
465996.27 3770491.81 2.39846 466021.27 3770491.81
2.41079
464696.27 3770516.81 0.66750 464721.27 3770516.81
0.69081
464746.27 3770516.81 0.71521 464771.27 3770516.81
0.74330
464796.27 3770516.81 0.76641 464821.27 3770516.81
0.78267
464846.27 3770516.81 0.81461 464871.27 3770516.81
0.84901
464896.27 3770516.81 0.87308 464921.27 3770516.81
0.90945
464946.27 3770516.81 0.95093 464971.27 3770516.81
0.98014
464996.27 3770516.81 1.03449 465021.27 3770516.81
1.09342
465871.27 3770516.81 2.06438 465896.27 3770516.81
2.09470
465921.27 3770516.81 2.12440 465946.27 3770516.81
2.15535
465971.27 3770516.81 2.18499 465996.27 3770516.81

2.20725
         466021.27   3770516.81   2.22622   464696.27   3770541.81
0.64142
         464721.27   3770541.81   0.66501   464746.27   3770541.81
0.68815
         464771.27   3770541.81   0.71541   464796.27   3770541.81
0.73884
         464821.27   3770541.81   0.75507   464846.27   3770541.81
0.78844
         464871.27   3770541.81   0.82190   464896.27   3770541.81
0.84566
         464921.27   3770541.81   0.87938   464946.27   3770541.81
0.91731
         464971.27   3770541.81   0.94536   464996.27   3770541.81
0.99099
         465021.27   3770541.81   1.04234   465871.27   3770541.81
1.88734
         465896.27   3770541.81   1.91341   465921.27   3770541.81
1.95461

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: YTRK   ***
                                  INCLUDING SOURCE(S):   L0003519   , L0003520   , L0003521   ,
L0003522   , L0003523   ,
                 L0003524   , L0003525   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 -
- - - - - - - - - - - - - -
         465946.27   3770541.81   1.99168   465971.27   3770541.81
2.01657
         465996.27   3770541.81   2.03635   466021.27   3770541.81
2.05728
         464696.27   3770566.81   0.62093   464721.27   3770566.81
0.64438
         464746.27   3770566.81   0.66647   464771.27   3770566.81
0.69155
         464796.27   3770566.81   0.71290   464821.27   3770566.81
0.72937
         464846.27   3770566.81   0.76302   464871.27   3770566.81
0.79596
         464896.27   3770566.81   0.82158   464921.27   3770566.81
0.85251
         464946.27   3770566.81   0.88658   464971.27   3770566.81
0.91514
         464996.27   3770566.81   0.95250   465021.27   3770566.81
0.99520
         465871.27   3770566.81   1.73554   465896.27   3770566.81

1.75818
465921.27 3770566.81 1.80127 465946.27 3770566.81
1.84179
465971.27 3770566.81 1.86660 465996.27 3770566.81
1.88532
466021.27 3770566.81 1.90515 464696.27 3770591.81
0.60332
464721.27 3770591.81 0.62547 464746.27 3770591.81
0.64628
464771.27 3770591.81 0.66886 464796.27 3770591.81
0.68761
464821.27 3770591.81 0.70403 464846.27 3770591.81
0.73686
464871.27 3770591.81 0.76777 464896.27 3770591.81
0.79475
464921.27 3770591.81 0.82333 464946.27 3770591.81
0.85315
464971.27 3770591.81 0.88157 464996.27 3770591.81
0.91309
465021.27 3770591.81 0.94863 465871.27 3770591.81
1.60628
465896.27 3770591.81 1.62641 465921.27 3770591.81
1.66431
465946.27 3770591.81 1.70189 465971.27 3770591.81
1.72816
465996.27 3770591.81 1.74786 466021.27 3770591.81
1.76663
464696.27 3770616.81 0.57968 464721.27 3770616.81
0.59998
464746.27 3770616.81 0.61912 464771.27 3770616.81
0.64131
464796.27 3770616.81 0.66157 464821.27 3770616.81
0.67751
464846.27 3770616.81 0.70813 464871.27 3770616.81
0.73447
464896.27 3770616.81 0.75975 464921.27 3770616.81
0.78607
464946.27 3770616.81 0.81262 464971.27 3770616.81
0.83930
464996.27 3770616.81 0.86766 465021.27 3770616.81
0.90112
465871.27 3770616.81 1.49265 465896.27 3770616.81
1.51137
465921.27 3770616.81 1.54160 465946.27 3770616.81
1.57237
465971.27 3770616.81 1.59876 465996.27 3770616.81
1.62030
466021.27 3770616.81 1.63855 464696.27 3770641.81
0.55384
464721.27 3770641.81 0.57044 464746.27 3770641.81
0.58936
464771.27 3770641.81 0.61398 464796.27 3770641.81
0.63739
464821.27 3770641.81 0.65388 464846.27 3770641.81
0.67697
464871.27 3770641.81 0.70141 464896.27 3770641.81
0.72502
464921.27 3770641.81 0.74956 464946.27 3770641.81
0.77353
464971.27 3770641.81 0.79773 464996.27 3770641.81
0.82515

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YTRK ***

INCLUDING SOURCE(S): L0003519 , L0003520 , L0003521 , L0003522 , L0003523 , L0003524 , L0003525 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465021.27	3770641.81	0.85715	464696.27	3770666.81	0.53970
464721.27	3770666.81	0.55406	464746.27	3770666.81	0.57233
464771.27	3770666.81	0.59448	464796.27	3770666.81	0.61390
464821.27	3770666.81	0.63368	464846.27	3770666.81	0.65681
464871.27	3770666.81	0.67877	464896.27	3770666.81	0.70061
464921.27	3770666.81	0.72435	464946.27	3770666.81	0.74795
464971.27	3770666.81	0.76908	464996.27	3770666.81	0.79226
465021.27	3770666.81	0.81924	464696.27	3770691.81	0.52550
464721.27	3770691.81	0.53743	464746.27	3770691.81	0.55491
464771.27	3770691.81	0.57458	464796.27	3770691.81	0.58906
464821.27	3770691.81	0.61050	464846.27	3770691.81	0.63429
464871.27	3770691.81	0.65273	464896.27	3770691.81	0.67146
464921.27	3770691.81	0.69531	464946.27	3770691.81	0.71849
464971.27	3770691.81	0.73570	464996.27	3770691.81	0.75596
465021.27	3770691.81	0.78144	464696.27	3770716.81	0.51098
464721.27	3770716.81	0.52073	464746.27	3770716.81	0.53664
464771.27	3770716.81	0.55454	464796.27	3770716.81	0.56566
464821.27	3770716.81	0.58698	464846.27	3770716.81	0.61038
464871.27	3770716.81	0.62583	464896.27	3770716.81	0.64170

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         464921.27    3770716.81        0.66545                      464946.27    3770716.81
0.68758
         464971.27    3770716.81        0.70123                      464996.27    3770716.81
0.72004
         465021.27    3770716.81        0.74518                      464696.27    3770741.81
0.49792
         464721.27    3770741.81        0.50627                      464746.27    3770741.81
0.51973
         464771.27    3770741.81        0.53593                      464796.27    3770741.81
0.54571
         464821.27    3770741.81        0.56594                      464846.27    3770741.81
0.58803
         464871.27    3770741.81        0.60190                      464896.27    3770741.81
0.61610
         464921.27    3770741.81        0.63869                      464946.27    3770741.81
0.65899
         464971.27    3770741.81        0.67080                      464996.27    3770741.81
0.68822
         465021.27    3770741.81        0.71170                      464696.27    3770766.81
0.48561
         464721.27    3770766.81        0.49285                      464746.27    3770766.81
0.50355
         464771.27    3770766.81        0.51882                      464796.27    3770766.81
0.52782
         464821.27    3770766.81        0.54668                      464846.27    3770766.81
0.56737
         464871.27    3770766.81        0.57995                      464896.27    3770766.81
0.59294
         464921.27    3770766.81        0.61455                      464946.27    3770766.81
0.63312
         464971.27    3770766.81        0.64376                      464996.27    3770766.81
0.65888
         465021.27    3770766.81        0.67991

♠ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

               PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: LIFT     ***
                                INCLUDING SOURCE(S):     L0003533    , L0003534    , L0003535    ,
L0003536    , L0003537    ,
                 L0003538    , L0003539    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
         465946.27    3769266.81        1.66426                      465971.27    3769266.81
1.61626
         465996.27    3769266.81        1.57694                      466021.27    3769266.81
1.53666
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466046.27 3769266.81 1.49404 466071.27 3769266.81
1.45015
466096.27 3769266.81 1.40629 466121.27 3769266.81
1.36369
466146.27 3769266.81 1.32255 466171.27 3769266.81
1.28244
466196.27 3769266.81 1.24312 465946.27 3769291.81
1.74165
465971.27 3769291.81 1.69293 465996.27 3769291.81
1.65117
466021.27 3769291.81 1.60453 466046.27 3769291.81
1.55683
466071.27 3769291.81 1.50850 466096.27 3769291.81
1.46059
466121.27 3769291.81 1.41453 466146.27 3769291.81
1.37029
466171.27 3769291.81 1.32683 466196.27 3769291.81
1.28447
465946.27 3769316.81 1.82686 465971.27 3769316.81
1.77907
465996.27 3769316.81 1.72961 466021.27 3769316.81
1.67631
466046.27 3769316.81 1.62265 466071.27 3769316.81
1.56943
466096.27 3769316.81 1.51724 466121.27 3769316.81
1.46730
466146.27 3769316.81 1.41973 466171.27 3769316.81
1.37286
466196.27 3769316.81 1.32718 465946.27 3769341.81
1.92495
465971.27 3769341.81 1.86733 465996.27 3769341.81
1.81069
466021.27 3769341.81 1.75115 466046.27 3769341.81
1.69190
466071.27 3769341.81 1.63363 466096.27 3769341.81
1.57664
466121.27 3769341.81 1.52239 466146.27 3769341.81
1.47110
466171.27 3769341.81 1.42054 466196.27 3769341.81
1.37136
465946.27 3769366.81 2.02971 465971.27 3769366.81
1.96183
465996.27 3769366.81 1.89630 466021.27 3769366.81
1.83010
466046.27 3769366.81 1.76484 466071.27 3769366.81
1.70106
466096.27 3769366.81 1.63924 466121.27 3769366.81
1.58043
466146.27 3769366.81 1.52472 466171.27 3769366.81
1.46999
466196.27 3769366.81 1.41696 464696.27 3770066.81
1.13695
464721.27 3770066.81 1.19334 464746.27 3770066.81
1.25197
464771.27 3770066.81 1.31336 464796.27 3770066.81
1.37564
464821.27 3770066.81 1.43758 464846.27 3770066.81
1.51449
464871.27 3770066.81 1.60474 464896.27 3770066.81
1.70327
464921.27 3770066.81 1.80776 464946.27 3770066.81

1.93467
        464971.27   3770066.81   2.10514   464996.27   3770066.81
2.30432
        465021.27   3770066.81   2.51301   464696.27   3770091.81
1.10954
        464721.27   3770091.81   1.16482   464746.27   3770091.81
1.22303
        464771.27   3770091.81   1.28357   464796.27   3770091.81
1.34318
        464821.27   3770091.81   1.39957   464846.27   3770091.81
1.46973
        464871.27   3770091.81   1.55411   464896.27   3770091.81
1.64644
        464921.27   3770091.81   1.74721   464946.27   3770091.81
1.86353

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: LIFT   ***
                                INCLUDING SOURCE(S):   L0003533   , L0003534   , L0003535   ,
L0003536   , L0003537   ,
                L0003538   , L0003539   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 -
- - - - - - - - - - - - - -
        464971.27   3770091.81   2.02084   464996.27   3770091.81
2.20652
        465021.27   3770091.81   2.41949   464696.27   3770116.81
1.08105
        464721.27   3770116.81   1.13438   464746.27   3770116.81
1.19159
        464771.27   3770116.81   1.25186   464796.27   3770116.81
1.31287
        464821.27   3770116.81   1.36930   464846.27   3770116.81
1.43672
        464871.27   3770116.81   1.51562   464896.27   3770116.81
1.60322
        464921.27   3770116.81   1.70075   464946.27   3770116.81
1.81030
        464971.27   3770116.81   1.94651   464996.27   3770116.81
2.11832
        465021.27   3770116.81   2.31783   465046.27   3770116.81
2.51159
        465071.27   3770116.81   2.71498   464696.27   3770141.81
1.05201
        464721.27   3770141.81   1.10301   464746.27   3770141.81
1.15762
        464771.27   3770141.81   1.21504   464796.27   3770141.81

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1.27624
         464821.27    3770141.81        1.33512                    464846.27    3770141.81
1.40009
         464871.27    3770141.81        1.47522                    464896.27    3770141.81
1.55799
         464921.27    3770141.81        1.65050                    464946.27    3770141.81
1.75541
         464971.27    3770141.81        1.87877                    464996.27    3770141.81
2.03578
         465021.27    3770141.81        2.21725                    465046.27    3770141.81
2.39243
         465071.27    3770141.81        2.57037                    464696.27    3770166.81
1.02233
         464721.27    3770166.81        1.07032                    464746.27    3770166.81
1.12123
         464771.27    3770166.81        1.17604                    464796.27    3770166.81
1.23634
         464821.27    3770166.81        1.29820                    464846.27    3770166.81
1.36375
         464871.27    3770166.81        1.43614                    464896.27    3770166.81
1.51525
         464921.27    3770166.81        1.60300                    464946.27    3770166.81
1.70238
         464971.27    3770166.81        1.81721                    464996.27    3770166.81
1.95844
         465021.27    3770166.81        2.11835                    465046.27    3770166.81
2.27789
         465071.27    3770166.81        2.44444                    464696.27    3770191.81
0.99016
         464721.27    3770191.81        1.03475                    464746.27    3770191.81
1.08291
         464771.27    3770191.81        1.13537                    464796.27    3770191.81
1.19416
         464821.27    3770191.81        1.25734                    464846.27    3770191.81
1.32359
         464871.27    3770191.81        1.39256                    464896.27    3770191.81
1.46778
         464921.27    3770191.81        1.55105                    464946.27    3770191.81
1.64345
         464971.27    3770191.81        1.75001                    464996.27    3770191.81
1.87674
         465021.27    3770191.81        2.01891                    465046.27    3770191.81
2.16432
         465071.27    3770191.81        2.31868                    465096.27    3770191.81
2.48212
         465121.27    3770191.81        2.65697                    464696.27    3770216.81
0.95459
         464721.27    3770216.81        0.99722                    464746.27    3770216.81
1.04352
         464771.27    3770216.81        1.09390                    464796.27    3770216.81
1.14920
         464821.27    3770216.81        1.20966                    464846.27    3770216.81
1.27382
         464871.27    3770216.81        1.33885                    464896.27    3770216.81
1.41006
         464921.27    3770216.81        1.48770                    464946.27    3770216.81
1.57307
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      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LIFT ***

INCLUDING SOURCE(S): L0003533 , L0003534 , L0003535 , L0003536 , L0003537 , L0003538 , L0003539 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464971.27	3770216.81	1.67121	464996.27	3770216.81	1.78560
465021.27	3770216.81	1.91730	465046.27	3770216.81	2.04824
465071.27	3770216.81	2.18111	465096.27	3770216.81	2.32469
465121.27	3770216.81	2.48568	464696.27	3770241.81	0.92384
464721.27	3770241.81	0.96195	464746.27	3770241.81	1.00530
464771.27	3770241.81	1.05175	464796.27	3770241.81	1.10327
464821.27	3770241.81	1.15946	464846.27	3770241.81	1.22164
464871.27	3770241.81	1.28348	464896.27	3770241.81	1.35153
464921.27	3770241.81	1.42463	464946.27	3770241.81	1.50632
464971.27	3770241.81	1.59612	464996.27	3770241.81	1.69502
465021.27	3770241.81	1.81652	465046.27	3770241.81	1.93464
465071.27	3770241.81	2.05134	465096.27	3770241.81	2.17722
465121.27	3770241.81	2.31903	464696.27	3770266.81	0.90021
464721.27	3770266.81	0.93853	464746.27	3770266.81	0.98031
464771.27	3770266.81	1.02531	464796.27	3770266.81	1.07354
464821.27	3770266.81	1.12246	464846.27	3770266.81	1.18125
464871.27	3770266.81	1.24227	464896.27	3770266.81	1.30082
464921.27	3770266.81	1.37088	464946.27	3770266.81	1.45290
464971.27	3770266.81	1.53153	464996.27	3770266.81	1.62312
465021.27	3770266.81	1.73226	465046.27	3770266.81	1.83429
465071.27	3770266.81	1.94111	465096.27	3770266.81	2.06241

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        465121.27    3770266.81        2.19763                     464696.27    3770291.81
0.87377
        464721.27    3770291.81        0.91100                     464746.27    3770291.81
0.95070
        464771.27    3770291.81        0.99460                     464796.27    3770291.81
1.04065
        464821.27    3770291.81        1.08051                     464846.27    3770291.81
1.13598
        464871.27    3770291.81        1.19494                     464896.27    3770291.81
1.24199
        464921.27    3770291.81        1.30884                     464946.27    3770291.81
1.39092
        464971.27    3770291.81        1.45913                     464996.27    3770291.81
1.54776
        465021.27    3770291.81        1.65239                     465046.27    3770291.81
1.74730
        465071.27    3770291.81        1.84681                     465096.27    3770291.81
1.95716
        465121.27    3770291.81        2.09558                     464696.27    3770316.81
0.84910
        464721.27    3770316.81        0.88480                     464746.27    3770316.81
0.92254
        464771.27    3770316.81        0.96481                     464796.27    3770316.81
1.00752
        464821.27    3770316.81        1.03962                     464846.27    3770316.81
1.09057
        464871.27    3770316.81        1.14591                     464896.27    3770316.81
1.18552
        464921.27    3770316.81        1.24762                     464946.27    3770316.81
1.32700
        464971.27    3770316.81        1.38871                     464996.27    3770316.81
1.47560
        465021.27    3770316.81        1.57895                     465046.27    3770316.81
1.68141
        465071.27    3770316.81        1.78797                     465096.27    3770316.81
1.89251
        465121.27    3770316.81        2.02401                     464696.27    3770341.81
0.82955
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                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: LIFT     ***
                                INCLUDING SOURCE(S):     L0003533    , L0003534    , L0003535    ,
L0003536    , L0003537    ,
                 L0003538    , L0003539    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
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464721.27 3770341.81 0.86376 464746.27 3770341.81
0.90040
464771.27 3770341.81 0.94082 464796.27 3770341.81
0.97760
464821.27 3770341.81 1.00441 464846.27 3770341.81
1.04980
464871.27 3770341.81 1.10088 464896.27 3770341.81
1.13726
464921.27 3770341.81 1.19345 464946.27 3770341.81
1.26802
464971.27 3770341.81 1.32551 464996.27 3770341.81
1.41120
465021.27 3770341.81 1.51243 465046.27 3770341.81
1.63301
465071.27 3770341.81 1.75758 465096.27 3770341.81
1.86256
465121.27 3770341.81 1.97092 464696.27 3770366.81
0.80509
464721.27 3770366.81 0.83782 464746.27 3770366.81
0.87256
464771.27 3770366.81 0.91220 464796.27 3770366.81
0.94894
464821.27 3770366.81 0.97170 464846.27 3770366.81
1.00988
464871.27 3770366.81 1.05789 464896.27 3770366.81
1.09158
464921.27 3770366.81 1.14201 464946.27 3770366.81
1.21129
464971.27 3770366.81 1.26594 464996.27 3770366.81
1.35065
465021.27 3770366.81 1.45072 464696.27 3770391.81
0.77746
464721.27 3770391.81 0.80858 464746.27 3770391.81
0.84154
464771.27 3770391.81 0.88038 464796.27 3770391.81
0.91708
464821.27 3770391.81 0.93664 464846.27 3770391.81
0.97234
464871.27 3770391.81 1.01597 464896.27 3770391.81
1.04713
464921.27 3770391.81 1.09317 464946.27 3770391.81
1.15785
464971.27 3770391.81 1.21085 464996.27 3770391.81
1.29697
465021.27 3770391.81 1.39074 464696.27 3770416.81
0.75788
464721.27 3770416.81 0.78734 464746.27 3770416.81
0.81872
464771.27 3770416.81 0.85516 464796.27 3770416.81
0.88596
464821.27 3770416.81 0.90260 464846.27 3770416.81
0.93513
464871.27 3770416.81 0.97632 464896.27 3770416.81
1.00625
464921.27 3770416.81 1.05007 464946.27 3770416.81
1.10812
464971.27 3770416.81 1.15605 464996.27 3770416.81
1.24053
465021.27 3770416.81 1.32866 464696.27 3770441.81
0.73435
464721.27 3770441.81 0.76245 464746.27 3770441.81

0.79165
        464771.27   3770441.81   0.82598   464796.27   3770441.81
0.85463
        464821.27   3770441.81   0.87007   464846.27   3770441.81
0.90069
        464871.27   3770441.81   0.94011   464896.27   3770441.81
0.96915
        464921.27   3770441.81   1.01147   464946.27   3770441.81
1.06390
        464971.27   3770441.81   1.10571   464996.27   3770441.81
1.18505
        465021.27   3770441.81   1.26649   465871.27   3770441.81
2.71031
        465896.27   3770441.81   2.74910   465921.27   3770441.81
2.78207
        465946.27   3770441.81   2.81310   465971.27   3770441.81
2.82841
        465996.27   3770441.81   2.82671   466021.27   3770441.81
2.82144

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: LIFT   ***
                                INCLUDING SOURCE(S):   L0003533   , L0003534   , L0003535   ,
L0003536   , L0003537   ,
                 L0003538   , L0003539   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 - - -

2.60579
466021.27 3770466.81 2.61007 464696.27 3770491.81
0.68721
464721.27 3770491.81 0.71221 464746.27 3770491.81
0.73747
464771.27 3770491.81 0.76791 464796.27 3770491.81
0.79407
464821.27 3770491.81 0.80961 464846.27 3770491.81
0.84153
464871.27 3770491.81 0.87783 464896.27 3770491.81
0.90388
464921.27 3770491.81 0.94223 464946.27 3770491.81
0.98655
464971.27 3770491.81 1.01930 464996.27 3770491.81
1.08197
465021.27 3770491.81 1.14774 465871.27 3770491.81
2.24698
465896.27 3770491.81 2.27711 465921.27 3770491.81
2.30865
465946.27 3770491.81 2.34409 465971.27 3770491.81
2.37719
465996.27 3770491.81 2.39846 466021.27 3770491.81
2.41079
464696.27 3770516.81 0.66750 464721.27 3770516.81
0.69081
464746.27 3770516.81 0.71521 464771.27 3770516.81
0.74330
464796.27 3770516.81 0.76641 464821.27 3770516.81
0.78267
464846.27 3770516.81 0.81461 464871.27 3770516.81
0.84901
464896.27 3770516.81 0.87308 464921.27 3770516.81
0.90945
464946.27 3770516.81 0.95093 464971.27 3770516.81
0.98014
464996.27 3770516.81 1.03449 465021.27 3770516.81
1.09342
465871.27 3770516.81 2.06438 465896.27 3770516.81
2.09470
465921.27 3770516.81 2.12440 465946.27 3770516.81
2.15535
465971.27 3770516.81 2.18499 465996.27 3770516.81
2.20725
466021.27 3770516.81 2.22622 464696.27 3770541.81
0.64142
464721.27 3770541.81 0.66501 464746.27 3770541.81
0.68815
464771.27 3770541.81 0.71541 464796.27 3770541.81
0.73884
464821.27 3770541.81 0.75507 464846.27 3770541.81
0.78844
464871.27 3770541.81 0.82190 464896.27 3770541.81
0.84566
464921.27 3770541.81 0.87938 464946.27 3770541.81
0.91731
464971.27 3770541.81 0.94536 464996.27 3770541.81
0.99099
465021.27 3770541.81 1.04234 465871.27 3770541.81
1.88734
465896.27 3770541.81 1.91341 465921.27 3770541.81
1.95461

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LIFT ***

INCLUDING SOURCE(S): L0003533 , L0003534 , L0003535 , L0003536 , L0003537 , L0003538 , L0003539 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465946.27	3770541.81	1.99168	465971.27	3770541.81	2.01657
465996.27	3770541.81	2.03635	466021.27	3770541.81	2.05728
464696.27	3770566.81	0.62093	464721.27	3770566.81	0.64438
464746.27	3770566.81	0.66647	464771.27	3770566.81	0.69155
464796.27	3770566.81	0.71290	464821.27	3770566.81	0.72937
464846.27	3770566.81	0.76302	464871.27	3770566.81	0.79596
464896.27	3770566.81	0.82158	464921.27	3770566.81	0.85251
464946.27	3770566.81	0.88658	464971.27	3770566.81	0.91514
464996.27	3770566.81	0.95250	465021.27	3770566.81	0.99520
465871.27	3770566.81	1.73554	465896.27	3770566.81	1.75818
465921.27	3770566.81	1.80127	465946.27	3770566.81	1.84179
465971.27	3770566.81	1.86660	465996.27	3770566.81	1.88532
466021.27	3770566.81	1.90515	464696.27	3770591.81	0.60332
464721.27	3770591.81	0.62547	464746.27	3770591.81	0.64628
464771.27	3770591.81	0.66886	464796.27	3770591.81	0.68761
464821.27	3770591.81	0.70403	464846.27	3770591.81	0.73686
464871.27	3770591.81	0.76777	464896.27	3770591.81	0.79475
464921.27	3770591.81	0.82333	464946.27	3770591.81	0.85315
464971.27	3770591.81	0.88157	464996.27	3770591.81	0.91309

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        465021.27    3770591.81        0.94863                    465871.27    3770591.81
1.60628
        465896.27    3770591.81        1.62641                    465921.27    3770591.81
1.66431
        465946.27    3770591.81        1.70189                    465971.27    3770591.81
1.72816
        465996.27    3770591.81        1.74786                    466021.27    3770591.81
1.76663
        464696.27    3770616.81        0.57968                    464721.27    3770616.81
0.59998
        464746.27    3770616.81        0.61912                    464771.27    3770616.81
0.64131
        464796.27    3770616.81        0.66157                    464821.27    3770616.81
0.67751
        464846.27    3770616.81        0.70813                    464871.27    3770616.81
0.73447
        464896.27    3770616.81        0.75975                    464921.27    3770616.81
0.78607
        464946.27    3770616.81        0.81262                    464971.27    3770616.81
0.83930
        464996.27    3770616.81        0.86766                    465021.27    3770616.81
0.90112
        465871.27    3770616.81        1.49265                    465896.27    3770616.81
1.51137
        465921.27    3770616.81        1.54160                    465946.27    3770616.81
1.57237
        465971.27    3770616.81        1.59876                    465996.27    3770616.81
1.62030
        466021.27    3770616.81        1.63855                    464696.27    3770641.81
0.55384
        464721.27    3770641.81        0.57044                    464746.27    3770641.81
0.58936
        464771.27    3770641.81        0.61398                    464796.27    3770641.81
0.63739
        464821.27    3770641.81        0.65388                    464846.27    3770641.81
0.67697
        464871.27    3770641.81        0.70141                    464896.27    3770641.81
0.72502
        464921.27    3770641.81        0.74956                    464946.27    3770641.81
0.77353
        464971.27    3770641.81        0.79773                    464996.27    3770641.81
0.82515
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     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

               PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: LIFT     ***
                                INCLUDING SOURCE(S):     L0003533    , L0003534    , L0003535    ,
L0003536    , L0003537    ,
                 L0003538    , L0003539    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
 **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465021.27	3770641.81	0.85715	464696.27	3770666.81	0.53970
464721.27	3770666.81	0.55406	464746.27	3770666.81	0.57233
464771.27	3770666.81	0.59448	464796.27	3770666.81	0.61390
464821.27	3770666.81	0.63368	464846.27	3770666.81	0.65681
464871.27	3770666.81	0.67877	464896.27	3770666.81	0.70061
464921.27	3770666.81	0.72435	464946.27	3770666.81	0.74795
464971.27	3770666.81	0.76908	464996.27	3770666.81	0.79226
465021.27	3770666.81	0.81924	464696.27	3770691.81	0.52550
464721.27	3770691.81	0.53743	464746.27	3770691.81	0.55491
464771.27	3770691.81	0.57458	464796.27	3770691.81	0.58906
464821.27	3770691.81	0.61050	464846.27	3770691.81	0.63429
464871.27	3770691.81	0.65273	464896.27	3770691.81	0.67146
464921.27	3770691.81	0.69531	464946.27	3770691.81	0.71849
464971.27	3770691.81	0.73570	464996.27	3770691.81	0.75596
465021.27	3770691.81	0.78144	464696.27	3770716.81	0.51098
464721.27	3770716.81	0.52073	464746.27	3770716.81	0.53664
464771.27	3770716.81	0.55454	464796.27	3770716.81	0.56566
464821.27	3770716.81	0.58698	464846.27	3770716.81	0.61038
464871.27	3770716.81	0.62583	464896.27	3770716.81	0.64170
464921.27	3770716.81	0.66545	464946.27	3770716.81	0.68758
464971.27	3770716.81	0.70123	464996.27	3770716.81	0.72004
465021.27	3770716.81	0.74518	464696.27	3770741.81	0.49792
464721.27	3770741.81	0.50627	464746.27	3770741.81	0.51973
464771.27	3770741.81	0.53593	464796.27	3770741.81	0.54571
464821.27	3770741.81	0.56594	464846.27	3770741.81	0.58803
464871.27	3770741.81	0.60190	464896.27	3770741.81	0.61610
464921.27	3770741.81	0.63869	464946.27	3770741.81	0.65899
464971.27	3770741.81	0.67080	464996.27	3770741.81	0.68822
465021.27	3770741.81	0.71170	464696.27	3770766.81	

0.48561
        464721.27   3770766.81   0.49285   464746.27   3770766.81
0.50355
        464771.27   3770766.81   0.51882   464796.27   3770766.81
0.52782
        464821.27   3770766.81   0.54668   464846.27   3770766.81
0.56737
        464871.27   3770766.81   0.57995   464896.27   3770766.81
0.59294
        464921.27   3770766.81   0.61455   464946.27   3770766.81
0.63312
        464971.27   3770766.81   0.64376   464996.27   3770766.81
0.65888
        465021.27   3770766.81   0.67991

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: IDLE   ***
                                INCLUDING SOURCE(S):   L0003777   , L0003778   , L0003779   ,
L0003780   , L0003781   ,
                L0003782   , L0003783   , L0003784   , L0003785   , L0003786   , L0003787   ,
L0003788   , L0003789   ,
                L0003790   , L0003791   , L0003792   , L0003793   , L0003794   , L0003795   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 - - -

1.28651
465946.27 3769316.81 1.82958 465971.27 3769316.81
1.78180
465996.27 3769316.81 1.73232 466021.27 3769316.81
1.67898
466046.27 3769316.81 1.62527 466071.27 3769316.81
1.57198
466096.27 3769316.81 1.51973 466121.27 3769316.81
1.46971
466146.27 3769316.81 1.42207 466171.27 3769316.81
1.37513
466196.27 3769316.81 1.32937 465946.27 3769341.81
1.92800
465971.27 3769341.81 1.87036 465996.27 3769341.81
1.81369
466021.27 3769341.81 1.75409 466046.27 3769341.81
1.69478
466071.27 3769341.81 1.63642 466096.27 3769341.81
1.57935
466121.27 3769341.81 1.52502 466146.27 3769341.81
1.47364
466171.27 3769341.81 1.42299 466196.27 3769341.81
1.37372
465946.27 3769366.81 2.03313 465971.27 3769366.81
1.96521
465996.27 3769366.81 1.89962 466021.27 3769366.81
1.83335
466046.27 3769366.81 1.76800 466071.27 3769366.81
1.70412
466096.27 3769366.81 1.64220 466121.27 3769366.81
1.58329
466146.27 3769366.81 1.52747 466171.27 3769366.81
1.47263
466196.27 3769366.81 1.41950 464696.27 3770066.81
1.13446
464721.27 3770066.81 1.19066 464746.27 3770066.81
1.24908
464771.27 3770066.81 1.31025 464796.27 3770066.81
1.37228
464821.27 3770066.81 1.43398 464846.27 3770066.81
1.51058
464871.27 3770066.81 1.60046 464896.27 3770066.81
1.69857
464921.27 3770066.81 1.80260 464946.27 3770066.81
1.92895
464971.27 3770066.81 2.09866 464996.27 3770066.81
2.29692
465021.27 3770066.81 2.50463 464696.27 3770091.81
1.10716
464721.27 3770091.81 1.16225 464746.27 3770091.81
1.22025
464771.27 3770091.81 1.28057 464796.27 3770091.81
1.33995
464821.27 3770091.81 1.39611 464846.27 3770091.81
1.46600
464871.27 3770091.81 1.55004 464896.27 3770091.81
1.64199
464921.27 3770091.81 1.74233 464946.27 3770091.81
1.85814

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLE   ***
                              INCLUDING SOURCE(S):   L0003777   , L0003778   , L0003779   , L0003780   , L0003781   ,
                L0003782   , L0003783   , L0003784   , L0003785   , L0003786   , L0003787   , L0003788   , L0003789   ,
                L0003790   , L0003791   , L0003792   , L0003793   , L0003794   , L0003795   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

```
         464771.27    3770166.81        1.17343                    464796.27    3770166.81
1.23353
         464821.27    3770166.81        1.29517                    464846.27    3770166.81
1.36048
         464871.27    3770166.81        1.43260                    464896.27    3770166.81
1.51140
         464921.27    3770166.81        1.59881                    464946.27    3770166.81
1.69779
         464971.27    3770166.81        1.81215                    464996.27    3770166.81
1.95281
         465021.27    3770166.81        2.11205                    465046.27    3770166.81
2.27089
         465071.27    3770166.81        2.43668                    464696.27    3770191.81
0.98817
         464721.27    3770191.81        1.03262                    464746.27    3770191.81
1.08062
         464771.27    3770191.81        1.13291                    464796.27    3770191.81
1.19150
         464821.27    3770191.81        1.25446                    464846.27    3770191.81
1.32048
         464871.27    3770191.81        1.38920                    464896.27    3770191.81
1.46414
         464921.27    3770191.81        1.54709                    464946.27    3770191.81
1.63914
         464971.27    3770191.81        1.74528                    464996.27    3770191.81
1.87151
         465021.27    3770191.81        2.01311                    465046.27    3770191.81
2.15791
         465071.27    3770191.81        2.31161                    465096.27    3770191.81
2.47433
         465121.27    3770191.81        2.64840                    464696.27    3770216.81
0.95271
         464721.27    3770216.81        0.99520                    464746.27    3770216.81
1.04136
         464771.27    3770216.81        1.09158                    464796.27    3770216.81
1.14670
         464821.27    3770216.81        1.20696                    464846.27    3770216.81
1.27090
         464871.27    3770216.81        1.33570                    464896.27    3770216.81
1.40665
         464921.27    3770216.81        1.48401                    464946.27    3770216.81
1.56906
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: IDLE     ***
                                  INCLUDING SOURCE(S):     L0003777    , L0003778    , L0003779    ,
L0003780    , L0003781    ,
                 L0003782    , L0003783    , L0003784    , L0003785    , L0003786    , L0003787    ,
L0003788    , L0003789    ,
                 L0003790    , L0003791    , L0003792    , L0003793    , L0003794    , L0003795    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464971.27	3770216.81	1.66683	464996.27	3770216.81	1.78079
465021.27	3770216.81	1.91198	465046.27	3770216.81	2.04241
465071.27	3770216.81	2.17474	465096.27	3770216.81	2.31773
465121.27	3770216.81	2.47806	464696.27	3770241.81	0.92206
464721.27	3770241.81	0.96005	464746.27	3770241.81	1.00327
464771.27	3770241.81	1.04957	464796.27	3770241.81	1.10093
464821.27	3770241.81	1.15693	464846.27	3770241.81	1.21891
464871.27	3770241.81	1.28054	464896.27	3770241.81	1.34835
464921.27	3770241.81	1.42120	464946.27	3770241.81	1.50259
464971.27	3770241.81	1.59207	464996.27	3770241.81	1.69062
465021.27	3770241.81	1.81167	465046.27	3770241.81	1.92936
465071.27	3770241.81	2.04560	465096.27	3770241.81	2.17100
465121.27	3770241.81	2.31227	464696.27	3770266.81	0.89850
464721.27	3770266.81	0.93670	464746.27	3770266.81	0.97836
464771.27	3770266.81	1.02323	464796.27	3770266.81	1.07130
464821.27	3770266.81	1.12007	464846.27	3770266.81	1.17867
464871.27	3770266.81	1.23950	464896.27	3770266.81	1.29784
464921.27	3770266.81	1.36767	464946.27	3770266.81	1.44942
464971.27	3770266.81	1.52777	464996.27	3770266.81	1.61904
465021.27	3770266.81	1.72781	465046.27	3770266.81	1.82948
465071.27	3770266.81	1.93592	465096.27	3770266.81	2.05679
465121.27	3770266.81	2.19155	464696.27	3770291.81	0.87214
464721.27	3770291.81	0.90926	464746.27	3770291.81	0.94885
464771.27	3770291.81	0.99262	464796.27	3770291.81	1.03853
464821.27	3770291.81	1.07826	464846.27	3770291.81	1.13356
464871.27	3770291.81	1.19234	464896.27	3770291.81	1.23924
464921.27	3770291.81	1.30587	464946.27	3770291.81	1.38769
464971.27	3770291.81	1.45567	464996.27	3770291.81	

1.54402
        465021.27   3770291.81   1.64831   465046.27   3770291.81
1.74291
        465071.27   3770291.81   1.84209   465096.27   3770291.81
1.95208
        465121.27   3770291.81   2.09007   464696.27   3770316.81
0.84755
        464721.27   3770316.81   0.88315   464746.27   3770316.81
0.92079
        464771.27   3770316.81   0.96293   464796.27   3770316.81
1.00551
        464821.27   3770316.81   1.03752   464846.27   3770316.81
1.08831
        464871.27   3770316.81   1.14349   464896.27   3770316.81
1.18297
        464921.27   3770316.81   1.24488   464946.27   3770316.81
1.32402
        464971.27   3770316.81   1.38553   464996.27   3770316.81
1.47217
        465021.27   3770316.81   1.57521   465046.27   3770316.81
1.67736
        465071.27   3770316.81   1.78361   465096.27   3770316.81
1.88783
        465121.27   3770316.81   2.01895   464696.27   3770341.81
0.82806

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: IDLE   ***
                                INCLUDING SOURCE(S):   L0003777   , L0003778   , L0003779   ,
L0003780   , L0003781   ,
                L0003782   , L0003783   , L0003784   , L0003785   , L0003786   , L0003787   ,
L0003788   , L0003789   ,
                L0003790   , L0003791   , L0003792   , L0003793   , L0003794   , L0003795   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 - - -

1.40804
465021.27 3770341.81 1.50899 465046.27 3770341.81
1.62924
465071.27 3770341.81 1.75348 465096.27 3770341.81
1.85817
465121.27 3770341.81 1.96624 464696.27 3770366.81
0.80367
464721.27 3770366.81 0.83632 464746.27 3770366.81
0.87097
464771.27 3770366.81 0.91050 464796.27 3770366.81
0.94715
464821.27 3770366.81 0.96983 464846.27 3770366.81
1.00790
464871.27 3770366.81 1.05578 464896.27 3770366.81
1.08937
464921.27 3770366.81 1.13966 464946.27 3770366.81
1.20876
464971.27 3770366.81 1.26326 464996.27 3770366.81
1.34775
465021.27 3770366.81 1.44757 464696.27 3770391.81
0.77612
464721.27 3770391.81 0.80716 464746.27 3770391.81
0.84004
464771.27 3770391.81 0.87878 464796.27 3770391.81
0.91538
464821.27 3770391.81 0.93489 464846.27 3770391.81
0.97049
464871.27 3770391.81 1.01401 464896.27 3770391.81
1.04508
464921.27 3770391.81 1.09099 464946.27 3770391.81
1.15552
464971.27 3770391.81 1.20838 464996.27 3770391.81
1.29430
465021.27 3770391.81 1.38785 464696.27 3770416.81
0.75660
464721.27 3770416.81 0.78599 464746.27 3770416.81
0.81730
464771.27 3770416.81 0.85364 464796.27 3770416.81
0.88436
464821.27 3770416.81 0.90095 464846.27 3770416.81
0.93341
464871.27 3770416.81 0.97450 464896.27 3770416.81
1.00435
464921.27 3770416.81 1.04806 464946.27 3770416.81
1.10598
464971.27 3770416.81 1.15379 464996.27 3770416.81
1.23808
465021.27 3770416.81 1.32602 464696.27 3770441.81
0.73314
464721.27 3770441.81 0.76118 464746.27 3770441.81
0.79030
464771.27 3770441.81 0.82455 464796.27 3770441.81
0.85313
464821.27 3770441.81 0.86853 464846.27 3770441.81
0.89908
464871.27 3770441.81 0.93841 464896.27 3770441.81
0.96737
464921.27 3770441.81 1.00960 464946.27 3770441.81
1.06192
464971.27 3770441.81 1.10365 464996.27 3770441.81
1.18281

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***

INCLUDING SOURCE(S): L0003777 , L0003778 , L0003779 , L0003780 , L0003781 , L0003782 , L0003783 , L0003784 , L0003785 , L0003786 , L0003787 , L0003788 , L0003789 , L0003790 , L0003791 , L0003792 , L0003793 , L0003794 , L0003795 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465021.27	3770441.81	1.26409	465871.27	3770441.81	2.70830
465896.27	3770441.81	2.74712	465921.27	3770441.81	2.78020
465946.27	3770441.81	2.81158	465971.27	3770441.81	2.82764
465996.27	3770441.81	2.82648	466021.27	3770441.81	2.82159
464696.27	3770466.81	0.70543	464721.27	3770466.81	0.73231
464746.27	3770466.81	0.75875	464771.27	3770466.81	0.79201
464796.27	3770466.81	0.82212	464821.27	3770466.81	0.83782
464846.27	3770466.81	0.86819	464871.27	3770466.81	0.90590
464896.27	3770466.81	0.93373	464921.27	3770466.81	0.97431
464946.27	3770466.81	1.02215	464971.27	3770466.81	1.05840
464996.27	3770466.81	1.13007	465021.27	3770466.81	1.20407
465871.27	3770466.81	2.45572	465896.27	3770466.81	2.48851
465921.27	3770466.81	2.52246	465946.27	3770466.81	2.56087
465971.27	3770466.81	2.59204	465996.27	3770466.81	2.60505
466021.27	3770466.81	2.60969	464696.27	3770491.81	0.68613
464721.27	3770491.81	0.71108	464746.27	3770491.81	0.73628
464771.27	3770491.81	0.76665	464796.27	3770491.81	0.79276
464821.27	3770491.81	0.80826	464846.27	3770491.81	0.84012

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         464871.27    3770491.81        0.87635                    464896.27    3770491.81
0.90235
         464921.27    3770491.81        0.94062                    464946.27    3770491.81
0.98486
         464971.27    3770491.81        1.01756                    464996.27    3770491.81
1.08011
         465021.27    3770491.81        1.14576                    465871.27    3770491.81
2.24542
         465896.27    3770491.81        2.27542                    465921.27    3770491.81
2.30689
         465946.27    3770491.81        2.34244                    465971.27    3770491.81
2.37584
         465996.27    3770491.81        2.39738                    466021.27    3770491.81
2.41006
         464696.27    3770516.81        0.66647                    464721.27    3770516.81
0.68973
         464746.27    3770516.81        0.71408                    464771.27    3770516.81
0.74212
         464796.27    3770516.81        0.76518                    464821.27    3770516.81
0.78141
         464846.27    3770516.81        0.81328                    464871.27    3770516.81
0.84763
         464896.27    3770516.81        0.87165                    464921.27    3770516.81
0.90796
         464946.27    3770516.81        0.94937                    464971.27    3770516.81
0.97853
         464996.27    3770516.81        1.03279                    465021.27    3770516.81
1.09162
         465871.27    3770516.81        2.06309                    465896.27    3770516.81
2.09329
         465921.27    3770516.81        2.12293                    465946.27    3770516.81
2.15390
         465971.27    3770516.81        2.18367                    465996.27    3770516.81
2.20603
         466021.27    3770516.81        2.22528                    464696.27    3770541.81
0.64046
         464721.27    3770541.81        0.66400                    464746.27    3770541.81
0.68710
         464771.27    3770541.81        0.71431                    464796.27    3770541.81
0.73769
         464821.27    3770541.81        0.75389                    464846.27    3770541.81
0.78720
         464871.27    3770541.81        0.82060                    464896.27    3770541.81
0.84433
         464921.27    3770541.81        0.87799                    464946.27    3770541.81
0.91587
         464971.27    3770541.81        0.94387                    464996.27    3770541.81
0.98944
         465021.27    3770541.81        1.04071                    465871.27    3770541.81
1.88618
         465896.27    3770541.81        1.91210                    465921.27    3770541.81
1.95331
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
```

GROUP: IDLE ***

INCLUDING SOURCE(S): L0003777 , L0003778 , L0003779 , L0003780 , L0003781 , L0003782 , L0003783 , L0003784 , L0003785 , L0003786 , L0003787 , L0003788 , L0003789 , L0003790 , L0003791 , L0003792 , L0003793 , L0003794 , L0003795 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465946.27	3770541.81	1.99045	465971.27	3770541.81	2.01538
465996.27	3770541.81	2.03517	466021.27	3770541.81	2.05626
464696.27	3770566.81	0.62003	464721.27	3770566.81	0.64343
464746.27	3770566.81	0.66549	464771.27	3770566.81	0.69052
464796.27	3770566.81	0.71183	464821.27	3770566.81	0.72827
464846.27	3770566.81	0.76186	464871.27	3770566.81	0.79476
464896.27	3770566.81	0.82033	464921.27	3770566.81	0.85122
464946.27	3770566.81	0.88524	464971.27	3770566.81	0.91376
464996.27	3770566.81	0.95107	465021.27	3770566.81	0.99371
465871.27	3770566.81	1.73454	465896.27	3770566.81	1.75703
465921.27	3770566.81	1.80011	465946.27	3770566.81	1.84071
465971.27	3770566.81	1.86553	465996.27	3770566.81	1.88424
466021.27	3770566.81	1.90414	464696.27	3770591.81	0.60246
464721.27	3770591.81	0.62458	464746.27	3770591.81	0.64535
464771.27	3770591.81	0.66790	464796.27	3770591.81	0.68662
464821.27	3770591.81	0.70301	464846.27	3770591.81	0.73579
464871.27	3770591.81	0.76665	464896.27	3770591.81	0.79360
464921.27	3770591.81	0.82214	464946.27	3770591.81	0.85192
464971.27	3770591.81	0.88030	464996.27	3770591.81	0.91179
465021.27	3770591.81	0.94728	465871.27	3770591.81	1.60544
465896.27	3770591.81	1.62543	465921.27	3770591.81	1.66328
465946.27	3770591.81	1.70090	465971.27	3770591.81	1.72717
465996.27	3770591.81	1.74685	466021.27	3770591.81	

1.76564
464696.27 3770616.81 0.57888 464721.27 3770616.81
0.59915
464746.27 3770616.81 0.61825 464771.27 3770616.81
0.64041
464796.27 3770616.81 0.66064 464821.27 3770616.81
0.67656
464846.27 3770616.81 0.70714 464871.27 3770616.81
0.73345
464896.27 3770616.81 0.75869 464921.27 3770616.81
0.78498
464946.27 3770616.81 0.81150 464971.27 3770616.81
0.83815
464996.27 3770616.81 0.86648 465021.27 3770616.81
0.89990
465871.27 3770616.81 1.49195 465896.27 3770616.81
1.51055
465921.27 3770616.81 1.54070 465946.27 3770616.81
1.57144
465971.27 3770616.81 1.59781 465996.27 3770616.81
1.61933
466021.27 3770616.81 1.63756 464696.27 3770641.81
0.55310
464721.27 3770641.81 0.56968 464746.27 3770641.81
0.58857
464771.27 3770641.81 0.61315 464796.27 3770641.81
0.63653
464821.27 3770641.81 0.65300 464846.27 3770641.81
0.67606
464871.27 3770641.81 0.70048 464896.27 3770641.81
0.72405
464921.27 3770641.81 0.74857 464946.27 3770641.81
0.77251
464971.27 3770641.81 0.79669 464996.27 3770641.81
0.82407

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0003777 , L0003778 , L0003779 , L0003780 , L0003781 ,
L0003782 , L0003783 , L0003784 , L0003785 , L0003786 , L0003787 , L0003788 , L0003789 ,
L0003790 , L0003791 , L0003792 , L0003793 , L0003794 , L0003795 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465021.27	3770641.81	0.85604	464696.27	3770666.81	

0.53900
464721.27 3770666.81 0.55335 464746.27 3770666.81
0.57159
464771.27 3770666.81 0.59371 464796.27 3770666.81
0.61311
464821.27 3770666.81 0.63286 464846.27 3770666.81
0.65596
464871.27 3770666.81 0.67790 464896.27 3770666.81
0.69971
464921.27 3770666.81 0.72343 464946.27 3770666.81
0.74701
464971.27 3770666.81 0.76811 464996.27 3770666.81
0.79128
465021.27 3770666.81 0.81823 464696.27 3770691.81
0.52484
464721.27 3770691.81 0.53676 464746.27 3770691.81
0.55421
464771.27 3770691.81 0.57386 464796.27 3770691.81
0.58833
464821.27 3770691.81 0.60974 464846.27 3770691.81
0.63350
464871.27 3770691.81 0.65192 464896.27 3770691.81
0.67064
464921.27 3770691.81 0.69447 464946.27 3770691.81
0.71762
464971.27 3770691.81 0.73481 464996.27 3770691.81
0.75506
465021.27 3770691.81 0.78052 464696.27 3770716.81
0.51036
464721.27 3770716.81 0.52010 464746.27 3770716.81
0.53599
464771.27 3770716.81 0.55388 464796.27 3770716.81
0.56498
464821.27 3770716.81 0.58628 464846.27 3770716.81
0.60965
464871.27 3770716.81 0.62510 464896.27 3770716.81
0.64095
464921.27 3770716.81 0.66468 464946.27 3770716.81
0.68678
464971.27 3770716.81 0.70042 464996.27 3770716.81
0.71922
465021.27 3770716.81 0.74434 464696.27 3770741.81
0.49733
464721.27 3770741.81 0.50568 464746.27 3770741.81
0.51913
464771.27 3770741.81 0.53531 464796.27 3770741.81
0.54508
464821.27 3770741.81 0.56530 464846.27 3770741.81
0.58736
464871.27 3770741.81 0.60122 464896.27 3770741.81
0.61541
464921.27 3770741.81 0.63798 464946.27 3770741.81
0.65826
464971.27 3770741.81 0.67006 464996.27 3770741.81
0.68747
465021.27 3770741.81 0.71093 464696.27 3770766.81
0.48506
464721.27 3770766.81 0.49230 464746.27 3770766.81
0.50299
464771.27 3770766.81 0.51824 464796.27 3770766.81
0.52724

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002805 , L0002806 , L0002807 , L0002808 , L0002809 , L0002810 , L0002811 , L0002812 , L0002813 , L0002814 , L0002815 , L0002816 , L0002817 , L0002818 , L0002819 , L0002820 , L0002821 , L0002822 , L0002823 , L0002824 , L0002825 , L0002826 , L0002827 , L0002828 , L0002829 , L0002830 , L0002831 , L0002832 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464821.27	3770766.81	0.54608	464846.27	3770766.81	0.56675
464871.27	3770766.81	0.57932	464896.27	3770766.81	0.59230
464921.27	3770766.81	0.61389	464946.27	3770766.81	0.63244
464971.27	3770766.81	0.64308	464996.27	3770766.81	0.65820
465021.27	3770766.81	0.67920			
465946.27	3769266.81	10.15620	465971.27	3769266.81	9.99803
465996.27	3769266.81	9.89583	466021.27	3769266.81	9.78701
466046.27	3769266.81	9.65999	466071.27	3769266.81	9.51979
466096.27	3769266.81	9.37456	466121.27	3769266.81	9.23343
466146.27	3769266.81	9.09791	466171.27	3769266.81	8.96428
466196.27	3769266.81	8.82998	465946.27	3769291.81	10.61767
465971.27	3769291.81	10.47106	465996.27	3769291.81	10.37029
466021.27	3769291.81	10.23517	466046.27	3769291.81	10.08906
466071.27	3769291.81	9.93299	466096.27	3769291.81	9.77356
466121.27	3769291.81	9.62186	466146.27	3769291.81	9.47780
466171.27	3769291.81	9.33217	466196.27	3769291.81	9.18713
465946.27	3769316.81	11.13064	465971.27	3769316.81	

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11.00979
         465996.27    3769316.81       10.87768                    466021.27    3769316.81
10.71577
         466046.27    3769316.81       10.54583                    466071.27    3769316.81
10.37206
         466096.27    3769316.81       10.19829                    466121.27    3769316.81
10.03401
         466146.27    3769316.81        9.88097                    466171.27    3769316.81
9.72410
         466196.27    3769316.81        9.56703                    465946.27    3769341.81
11.72975
         465971.27    3769341.81       11.56694                    465996.27    3769341.81
11.40843
         466021.27    3769341.81       11.22442                    466046.27    3769341.81
11.03521
         466071.27    3769341.81       10.84461                    466096.27    3769341.81
10.65410
         466121.27    3769341.81       10.47558                    466146.27    3769341.81
10.31195
         466171.27    3769341.81       10.14284                    466196.27    3769341.81
9.97331
         465946.27    3769366.81       12.37748                    465971.27    3769366.81
12.17221
         465996.27    3769366.81       11.97773                    466021.27    3769366.81
11.77098
         466046.27    3769366.81       11.56177                    466071.27    3769366.81
11.35296
         466096.27    3769366.81       11.14772                    466121.27    3769366.81
10.95503
         466146.27    3769366.81       10.77655                    466171.27    3769366.81
10.59241
         466196.27    3769366.81       10.40853                    464696.27    3770066.81
11.30833
         464721.27    3770066.81       11.54328                    464746.27    3770066.81
11.79444
         464771.27    3770066.81       12.05527                    464796.27    3770066.81
12.31343
         464821.27    3770066.81       12.57002                    464846.27    3770066.81
12.87280
         464871.27    3770066.81       13.22225                    464896.27    3770066.81
13.60057
         464921.27    3770066.81       13.99501                    464946.27    3770066.81
14.47158
         464971.27    3770066.81       15.09666                    464996.27    3770066.81
15.74060
         465021.27    3770066.81       16.53387                    464696.27    3770091.81
10.61584
         464721.27    3770091.81       10.85054                    464746.27    3770091.81
11.09167
         464771.27    3770091.81       11.34079                    464796.27    3770091.81
11.58674
         464821.27    3770091.81       11.81114                    464846.27    3770091.81
12.08161
         464871.27    3770091.81       12.40881                    464896.27    3770091.81
12.76242
         464921.27    3770091.81       13.14346                    464946.27    3770091.81
13.58309
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002805 , L0002806 , L0002807 , L0002808 , L0002809 , L0002810 , L0002811 , L0002812 , L0002813 , L0002814 , L0002815 , L0002816 , L0002817 , L0002818 , L0002819 , L0002820 , L0002821 , L0002822 , L0002823 , L0002824 , L0002825 , L0002826 , L0002827 , L0002828 , L0002829 , L0002830 , L0002831 , L0002832 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464971.27	3770091.81	14.17580	464996.27	3770091.81	14.84262
465021.27	3770091.81	15.55011	464696.27	3770116.81	10.00408
464721.27	3770116.81	10.22973	464746.27	3770116.81	10.46631
464771.27	3770116.81	10.71144	464796.27	3770116.81	10.95918
464821.27	3770116.81	11.17622	464846.27	3770116.81	11.43774
464871.27	3770116.81	11.74289	464896.27	3770116.81	12.08009
464921.27	3770116.81	12.44913	464946.27	3770116.81	12.86133
464971.27	3770116.81	13.37813	464996.27	3770116.81	14.01419
465021.27	3770116.81	14.70363	465046.27	3770116.81	15.36406
465071.27	3770116.81	16.08795	464696.27	3770141.81	9.44116
464721.27	3770141.81	9.65769	464746.27	3770141.81	9.88484
464771.27	3770141.81	10.12028	464796.27	3770141.81	10.36682
464821.27	3770141.81	10.59780	464846.27	3770141.81	10.85104
464871.27	3770141.81	11.14193	464896.27	3770141.81	11.46056
464921.27	3770141.81	11.81137	464946.27	3770141.81	12.20828
464971.27	3770141.81	12.67382	464996.27	3770141.81	13.26191
465021.27	3770141.81	13.92344	465046.27	3770141.81	14.54913
465071.27	3770141.81	15.19533	464696.27	3770166.81	8.97976
464721.27	3770166.81	9.15602	464746.27	3770166.81	

9.35889
         464771.27   3770166.81   9.57704   464796.27   3770166.81
9.81843
         464821.27   3770166.81   10.06502   464846.27   3770166.81
10.32344
         464871.27   3770166.81   10.60977   464896.27   3770166.81
10.91468
         464921.27   3770166.81   11.24315   464946.27   3770166.81
11.61891
         464971.27   3770166.81   12.05311   464996.27   3770166.81
12.58844
         465021.27   3770166.81   13.17686   465046.27   3770166.81
13.76180
         465071.27   3770166.81   14.36800   464696.27   3770191.81
8.52096
         464721.27   3770191.81   8.70754   464746.27   3770191.81
8.90544
         464771.27   3770191.81   9.11439   464796.27   3770191.81
9.34494
         464821.27   3770191.81   9.59703   464846.27   3770191.81
9.85643
         464871.27   3770191.81   10.12364   464896.27   3770191.81
10.41264
         464921.27   3770191.81   10.73090   464946.27   3770191.81
11.08115
         464971.27   3770191.81   11.45722   464996.27   3770191.81
11.93679
         465021.27   3770191.81   12.47099   465046.27   3770191.81
13.00537
         465071.27   3770191.81   13.57092   465096.27   3770191.81
14.16923
         465121.27   3770191.81   14.80566   464696.27   3770216.81
8.06735
         464721.27   3770216.81   8.24620   464746.27   3770216.81
8.43841
         464771.27   3770216.81   8.64586   464796.27   3770216.81
8.86978
         464821.27   3770216.81   9.11251   464846.27   3770216.81
9.36580
         464871.27   3770216.81   9.61847   464896.27   3770216.81
9.89348
         464921.27   3770216.81   10.19024   464946.27   3770216.81
10.51477

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                    L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                    L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                    L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464971.27	3770216.81	10.87917	464996.27	3770216.81	11.31131
465021.27	3770216.81	11.78339	465046.27	3770216.81	12.27113
465071.27	3770216.81	12.76112	465096.27	3770216.81	13.28776
465121.27	3770216.81	13.87789	464696.27	3770241.81	7.66527
464721.27	3770241.81	7.82491	464746.27	3770241.81	8.00552
464771.27	3770241.81	8.19663	464796.27	3770241.81	8.40774
464821.27	3770241.81	8.63489	464846.27	3770241.81	8.88397
464871.27	3770241.81	9.12671	464896.27	3770241.81	9.39062
464921.27	3770241.81	9.67305	464946.27	3770241.81	9.98624
464971.27	3770241.81	10.32797	464996.27	3770241.81	10.70177
465021.27	3770241.81	11.15552	465046.27	3770241.81	11.59655
465071.27	3770241.81	12.02755	465096.27	3770241.81	12.48956
465121.27	3770241.81	13.01115	464696.27	3770266.81	7.32730
464721.27	3770266.81	7.48892	464746.27	3770266.81	7.66419
464771.27	3770266.81	7.85064	464796.27	3770266.81	8.04804
464821.27	3770266.81	8.24373	464846.27	3770266.81	8.48117
464871.27	3770266.81	8.72265	464896.27	3770266.81	8.94928
464921.27	3770266.81	9.22114	464946.27	3770266.81	9.53995
464971.27	3770266.81	9.83913	464996.27	3770266.81	10.18772
465021.27	3770266.81	10.60363	465046.27	3770266.81	10.98501
465071.27	3770266.81	11.38136	465096.27	3770266.81	11.82665
465121.27	3770266.81	12.32720	464696.27	3770291.81	6.99580
464721.27	3770291.81	7.15482	464746.27	3770291.81	7.32313
464771.27	3770291.81	7.50651	464796.27	3770291.81	7.69614
464821.27	3770291.81	7.85217	464846.27	3770291.81	8.07801
464871.27	3770291.81	8.31460	464896.27	3770291.81	

8.49242
         464921.27   3770291.81   8.75442   464946.27   3770291.81
9.07957
         464971.27   3770291.81   9.33814   464996.27   3770291.81
9.68067
         465021.27   3770291.81   10.08423   465046.27   3770291.81
10.44143
         465071.27   3770291.81   10.81374   465096.27   3770291.81
11.22639
         465121.27   3770291.81   11.74084   464696.27   3770316.81
6.69517
         464721.27   3770316.81   6.84783   464746.27   3770316.81
7.00868
         464771.27   3770316.81   7.18671   464796.27   3770316.81
7.36248
         464821.27   3770316.81   7.48477   464846.27   3770316.81
7.69237
         464871.27   3770316.81   7.91606   464896.27   3770316.81
8.06442
         464921.27   3770316.81   8.30965   464946.27   3770316.81
8.62822
         464971.27   3770316.81   8.86406   464996.27   3770316.81
9.20428
         465021.27   3770316.81   9.60831   465046.27   3770316.81
10.00318
         465071.27   3770316.81   10.40172   465096.27   3770316.81
10.79490
         465121.27   3770316.81   11.27402   464696.27   3770341.81
6.43642

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                    L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                    L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                    L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 -
- - - - - - - - - - - - - -
         464721.27   3770341.81   6.58327   464746.27   3770341.81
6.74074
         464771.27   3770341.81   6.91170   464796.27   3770341.81
7.06135

464821.27 3770341.81 7.16115 464846.27 3770341.81
7.34658
464871.27 3770341.81 7.55371 464896.27 3770341.81
7.69121
464921.27 3770341.81 7.91429 464946.27 3770341.81
8.21501
464971.27 3770341.81 8.43725 464996.27 3770341.81
8.77687
465021.27 3770341.81 9.17788 465046.27 3770341.81
9.64340
465071.27 3770341.81 10.10685 465096.27 3770341.81
10.50693
465121.27 3770341.81 10.91925 464696.27 3770366.81
6.16767
464721.27 3770366.81 6.31020 464746.27 3770366.81
6.45951
464771.27 3770366.81 6.62856 464796.27 3770366.81
6.78230
464821.27 3770366.81 6.86455 464846.27 3770366.81
7.01771
464871.27 3770366.81 7.21393 464896.27 3770366.81
7.34279
464921.27 3770366.81 7.54467 464946.27 3770366.81
7.82596
464971.27 3770366.81 8.03902 464996.27 3770366.81
8.38024
465021.27 3770366.81 8.78235 464696.27 3770391.81
5.89513
464721.27 3770391.81 6.03289 464746.27 3770391.81
6.17572
464771.27 3770391.81 6.34394 464796.27 3770391.81
6.49916
464821.27 3770391.81 6.56858 464846.27 3770391.81
6.71390
464871.27 3770391.81 6.89325 464896.27 3770391.81
7.01356
464921.27 3770391.81 7.19889 464946.27 3770391.81
7.46326
464971.27 3770391.81 7.67294 464996.27 3770391.81
8.02500
465021.27 3770391.81 8.40516 464696.27 3770416.81
5.67704
464721.27 3770416.81 5.80789 464746.27 3770416.81
5.94375
464771.27 3770416.81 6.10196 464796.27 3770416.81
6.23098
464821.27 3770416.81 6.28992 464846.27 3770416.81
6.42225
464871.27 3770416.81 6.59395 464896.27 3770416.81
6.70984
464921.27 3770416.81 6.88851 464946.27 3770416.81
7.12740
464971.27 3770416.81 7.31904 464996.27 3770416.81
7.66861
465021.27 3770416.81 8.02955 464696.27 3770441.81
5.44810
464721.27 3770441.81 5.57306 464746.27 3770441.81
5.70060
464771.27 3770441.81 5.85224 464796.27 3770441.81
5.97146
464821.27 3770441.81 6.02624 464846.27 3770441.81

6.15220
         464871.27   3770441.81   6.31860   464896.27   3770441.81
6.43266
         464921.27   3770441.81   6.60782   464946.27   3770441.81
6.82662
         464971.27   3770441.81   6.99410   464996.27   3770441.81
7.32507
         465021.27   3770441.81   7.66120   465871.27   3770441.81
13.97454
         465896.27   3770441.81   14.13113   465921.27   3770441.81
14.25597
         465946.27   3770441.81   14.39841   465971.27   3770441.81
14.51359
         465996.27   3770441.81   14.52021   466021.27   3770441.81
14.50780

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                 L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                 L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                 L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)
CONC
 -
- - - - - - - - - - - - - -
         464696.27   3770466.81   5.20403   464721.27   3770466.81
5.32630
         464746.27   3770466.81   5.44331   464771.27   3770466.81
5.59252
         464796.27   3770466.81   5.72289   464821.27   3770466.81
5.77961
         464846.27   3770466.81   5.90750   464871.27   3770466.81
6.06841
         464896.27   3770466.81   6.18043   464921.27   3770466.81
6.35042
         464946.27   3770466.81   6.55187   464971.27   3770466.81
6.69823
         464996.27   3770466.81   7.00053   465021.27   3770466.81
7.30932
         465871.27   3770466.81   12.84629   465896.27   3770466.81
12.97014
         465921.27   3770466.81   13.09544   465946.27   3770466.81
13.24722

465971.27 3770466.81 13.42208 465996.27 3770466.81
13.50110
466021.27 3770466.81 13.52646 464696.27 3770491.81
5.01307
464721.27 3770491.81 5.12685 464746.27 3770491.81
5.23866
464771.27 3770491.81 5.37591 464796.27 3770491.81
5.48821
464821.27 3770491.81 5.54621 464846.27 3770491.81
5.68363
464871.27 3770491.81 5.84086 464896.27 3770491.81
5.94594
464921.27 3770491.81 6.10872 464946.27 3770491.81
6.29671
464971.27 3770491.81 6.42911 464996.27 3770491.81
6.69525
465021.27 3770491.81 6.97093 465871.27 3770491.81
11.90191
465896.27 3770491.81 12.01673 465921.27 3770491.81
12.13600
465946.27 3770491.81 12.27958 465971.27 3770491.81
12.43012
465996.27 3770491.81 12.52972 466021.27 3770491.81
12.60025
464696.27 3770516.81 4.82648 464721.27 3770516.81
4.93308
464746.27 3770516.81 5.04322 464771.27 3770516.81
5.17056
464796.27 3770516.81 5.26944 464821.27 3770516.81
5.33254
464846.27 3770516.81 5.47349 464871.27 3770516.81
5.62360
464896.27 3770516.81 5.72155 464921.27 3770516.81
5.87798
464946.27 3770516.81 6.05587 464971.27 3770516.81
6.17465
464996.27 3770516.81 6.40669 465021.27 3770516.81
6.65632
465871.27 3770516.81 11.07330 465896.27 3770516.81
11.19410
465921.27 3770516.81 11.31197 465946.27 3770516.81
11.43201
465971.27 3770516.81 11.55959 465996.27 3770516.81
11.64517
466021.27 3770516.81 11.74246 464696.27 3770541.81
4.61207
464721.27 3770541.81 4.72284 464746.27 3770541.81
4.82809
464771.27 3770541.81 4.95387 464796.27 3770541.81
5.05704
464821.27 3770541.81 5.12224 464846.27 3770541.81
5.27268
464871.27 3770541.81 5.42092 464896.27 3770541.81
5.51975
464921.27 3770541.81 5.66613 464946.27 3770541.81
5.83021
464971.27 3770541.81 5.94622 464996.27 3770541.81
6.14304
465021.27 3770541.81 6.36106 465871.27 3770541.81
10.25964
465896.27 3770541.81 10.36555 465921.27 3770541.81

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002805 , L0002806 , L0002807 , L0002808 , L0002809 , L0002810 , L0002811 , L0002812 , L0002813 , L0002814 , L0002815 , L0002816 , L0002817 , L0002818 , L0002819 , L0002820 , L0002821 , L0002822 , L0002823 , L0002824 , L0002825 , L0002826 , L0002827 , L0002828 , L0002829 , L0002830 , L0002831 , L0002832 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465946.27	3770541.81	10.69505	465971.27	3770541.81	10.79928
465996.27	3770541.81	10.86940	466021.27	3770541.81	10.96328
464696.27	3770566.81	4.43356	464721.27	3770566.81	4.54571
464746.27	3770566.81	4.64744	464771.27	3770566.81	4.76391
464796.27	3770566.81	4.85851	464821.27	3770566.81	4.92711
464846.27	3770566.81	5.08121	464871.27	3770566.81	5.22964
464896.27	3770566.81	5.33998	464921.27	3770566.81	5.47523
464946.27	3770566.81	5.62345	464971.27	3770566.81	5.74436
464996.27	3770566.81	5.90526	465021.27	3770566.81	6.08794
465871.27	3770566.81	9.55474	465896.27	3770566.81	9.64774
465921.27	3770566.81	9.83545	465946.27	3770566.81	10.00651
465971.27	3770566.81	10.11405	465996.27	3770566.81	10.18410
466021.27	3770566.81	10.26597	464696.27	3770591.81	4.27640
464721.27	3770591.81	4.38262	464746.27	3770591.81	4.47992
464771.27	3770591.81	4.58514	464796.27	3770591.81	4.66817
464821.27	3770591.81	4.73870	464846.27	3770591.81	4.89152

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        464871.27    3770591.81        5.03243                    464896.27    3770591.81
5.15157
        464921.27    3770591.81        5.27780                    464946.27    3770591.81
5.40811
        464971.27    3770591.81        5.53098                    464996.27    3770591.81
5.66761
        465021.27    3770591.81        5.82087                    465871.27    3770591.81
8.94868
        465896.27    3770591.81        9.03322                    465921.27    3770591.81
9.19913
        465946.27    3770591.81        9.36174                    465971.27    3770591.81
9.46687
        465996.27    3770591.81        9.54668                    466021.27    3770591.81
9.62180
        464696.27    3770616.81        4.09027                    464721.27    3770616.81
4.18918
        464746.27    3770616.81        4.27920                    464771.27    3770616.81
4.38498
        464796.27    3770616.81        4.47809                    464821.27    3770616.81
4.54843
        464846.27    3770616.81        4.69265                    464871.27    3770616.81
4.81319
        464896.27    3770616.81        4.92733                    464921.27    3770616.81
5.04481
        464946.27    3770616.81        5.16278                    464971.27    3770616.81
5.27977
        464996.27    3770616.81        5.40443                    465021.27    3770616.81
5.55162
        465871.27    3770616.81        8.40909                    465896.27    3770616.81
8.49038
        465921.27    3770616.81        8.62247                    465946.27    3770616.81
8.75643
        465971.27    3770616.81        8.86878                    465996.27    3770616.81
8.95449
        466021.27    3770616.81        9.02428                    464696.27    3770641.81
3.89554
        464721.27    3770641.81        3.97621                    464746.27    3770641.81
4.06849
        464771.27    3770641.81        4.18977                    464796.27    3770641.81
4.30183
        464821.27    3770641.81        4.37724                    464846.27    3770641.81
4.48533
        464871.27    3770641.81        4.59898                    464896.27    3770641.81
4.70691
        464921.27    3770641.81        4.81900                    464946.27    3770641.81
4.92652
        464971.27    3770641.81        5.03489                    464996.27    3770641.81
5.15734
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

               PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0002805    , L0002806    , L0002807    ,
L0002808    , L0002809    ,
                L0002810    , L0002811    , L0002812    , L0002813    , L0002814    , L0002815    ,
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L0002816 , L0002817 ,
L0002818 , L0002819 , L0002820 , L0002821 , L0002822 , L0002823 ,
L0002824 , L0002825 ,
L0002826 , L0002827 , L0002828 , L0002829 , L0002830 , L0002831 ,
L0002832 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465021.27	3770641.81	5.30058	464696.27	3770666.81	3.77017
464721.27	3770666.81	3.83959	464746.27	3770666.81	3.92996
464771.27	3770666.81	4.03967	464796.27	3770666.81	4.13342
464821.27	3770666.81	4.22723	464846.27	3770666.81	4.33754
464871.27	3770666.81	4.44029	464896.27	3770666.81	4.54180
464921.27	3770666.81	4.65135	464946.27	3770666.81	4.75903
464971.27	3770666.81	4.85414	464996.27	3770666.81	4.95867
465021.27	3770666.81	5.08020	464696.27	3770691.81	3.64835
464721.27	3770691.81	3.70520	464746.27	3770691.81	3.79287
464771.27	3770691.81	3.89139	464796.27	3770691.81	3.96021
464821.27	3770691.81	4.06522	464846.27	3770691.81	4.18113
464871.27	3770691.81	4.26755	464896.27	3770691.81	4.35522
464921.27	3770691.81	4.46760	464946.27	3770691.81	4.57533
464971.27	3770691.81	4.65302	464996.27	3770691.81	4.74543
465021.27	3770691.81	4.86201	464696.27	3770716.81	3.52808
464721.27	3770716.81	3.57376	464746.27	3770716.81	3.65427
464771.27	3770716.81	3.74481	464796.27	3770716.81	3.79697
464821.27	3770716.81	3.90406	464846.27	3770716.81	4.02008
464871.27	3770716.81	4.09332	464896.27	3770716.81	4.16823
464921.27	3770716.81	4.28179	464946.27	3770716.81	4.38634
464971.27	3770716.81	4.44873	464996.27	3770716.81	4.53552
465021.27	3770716.81	4.65259	464696.27	3770741.81	3.41955
464721.27	3770741.81	3.45824	464746.27	3770741.81	3.52623

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        464771.27    3770741.81        3.60886                    464796.27    3770741.81
3.65517
        464821.27    3770741.81        3.75824                    464846.27    3770741.81
3.86964
        464871.27    3770741.81        3.93616                    464896.27    3770741.81
4.00409
        464921.27    3770741.81        4.11362                    464946.27    3770741.81
4.21073
        464971.27    3770741.81        4.26546                    464996.27    3770741.81
4.34705
        465021.27    3770741.81        4.45787                    464696.27    3770766.81
3.31843
        464721.27    3770766.81        3.35160                    464746.27    3770766.81
3.40501
        464771.27    3770766.81        3.48388                    464796.27    3770766.81
3.52716
        464821.27    3770766.81        3.62428                    464846.27    3770766.81
3.72985
        464871.27    3770766.81        3.79093                    464896.27    3770766.81
3.85394
        464921.27    3770766.81        3.96056                    464946.27    3770766.81
4.05039
        464971.27    3770766.81        4.10051                    464996.27    3770766.81
4.17259
        465021.27    3770766.81        4.27248

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  TRUCK1   ***
                                 INCLUDING SOURCE(S):     L0002805    , L0002806    , L0002807    ,
L0002808    , L0002809    ,
                L0002810    , L0002811    , L0002812    , L0002813    , L0002814    , L0002815    ,
L0002816    , L0002817    ,
                L0002818    , L0002819    , L0002820    , L0002821    , L0002822    , L0002823    ,
L0002824    , L0002825    ,
                L0002826    , L0002827    , L0002828    , L0002829    , L0002830    , L0002831    ,
L0002832    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - -
        465946.27   3769266.81        3.69354  (13041207)               465971.27   3769266.81
3.50300  (13041207)
        465996.27   3769266.81        3.25358  (15062506)               466021.27   3769266.81
3.16430  (15062506)
        466046.27   3769266.81        3.07259  (15062506)               466071.27   3769266.81
2.97988  (15062506)
        466096.27   3769266.81        2.88809  (15062506)               466121.27   3769266.81
```

2.79920 (15062506)
466146.27 3769266.81 2.71352 (15062506) 466171.27 3769266.81
2.63039 (15062506)
466196.27 3769266.81 2.54939 (15062506) 465946.27 3769291.81
3.87303 (13041207)
465971.27 3769291.81 3.65107 (13041207) 465996.27 3769291.81
3.37840 (15062506)
466021.27 3769291.81 3.27833 (15062506) 466046.27 3769291.81
3.17766 (15062506)
466071.27 3769291.81 3.07693 (15062506) 466096.27 3769291.81
2.97778 (15062506)
466121.27 3769291.81 2.88251 (15062506) 466146.27 3769291.81
2.79111 (15062506)
466171.27 3769291.81 2.70191 (15062506) 466196.27 3769291.81
2.61538 (15062506)
465946.27 3769316.81 4.06649 (13041207) 465971.27 3769316.81
3.80938 (13041207)
465996.27 3769316.81 3.51112 (15062506) 466021.27 3769316.81
3.39950 (15062506)
466046.27 3769316.81 3.28825 (15062506) 466071.27 3769316.81
3.17859 (15062506)
466096.27 3769316.81 3.07155 (15062506) 466121.27 3769316.81
2.96907 (15062506)
466146.27 3769316.81 2.87142 (15062506) 466171.27 3769316.81
2.77593 (15062506)
466196.27 3769316.81 2.68334 (15062506) 465946.27 3769341.81
4.28299 (13041207)
465971.27 3769341.81 3.96577 (13041207) 465996.27 3769341.81
3.64973 (15062506)
466021.27 3769341.81 3.52680 (15062506) 466046.27 3769341.81
3.40522 (15062506)
466071.27 3769341.81 3.28614 (15062506) 466096.27 3769341.81
3.17014 (15062506)
466121.27 3769341.81 3.05957 (15062506) 466146.27 3769341.81
2.95490 (15062506)
466171.27 3769341.81 2.85252 (15062506) 466196.27 3769341.81
2.75344 (15062506)
465946.27 3769366.81 4.51202 (13041207) 465971.27 3769366.81
4.12300 (13041207)
465996.27 3769366.81 3.79752 (15062506) 466021.27 3769366.81
3.66221 (15062506)
466046.27 3769366.81 3.52927 (15062506) 466071.27 3769366.81
3.39970 (15062506)
466096.27 3769366.81 3.27439 (15062506) 466121.27 3769366.81
3.15510 (15062506)
466146.27 3769366.81 3.04206 (15062506) 466171.27 3769366.81
2.93184 (15062506)
466196.27 3769366.81 2.82557 (15062506) 464696.27 3770066.81
11.45541 (15062506)
464721.27 3770066.81 11.47339 (15062506) 464746.27 3770066.81
11.48836 (15062506)
464771.27 3770066.81 11.50022 (15062506) 464796.27 3770066.81
11.50777 (15062506)
464821.27 3770066.81 11.50963 (15062506) 464846.27 3770066.81
11.51264 (15062506)
464871.27 3770066.81 11.51565 (15062506) 464896.27 3770066.81
11.51591 (15062506)
464921.27 3770066.81 11.51220 (15062506) 464946.27 3770066.81
11.50985 (15062506)
464971.27 3770066.81 11.51225 (15062506) 464996.27 3770066.81
11.50991 (15062506)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK1 ***

INCLUDING SOURCE(S): L0002805 , L0002806 , L0002807 , L0002808 , L0002809 , L0002810 , L0002811 , L0002812 , L0002813 , L0002814 , L0002815 , L0002816 , L0002817 , L0002818 , L0002819 , L0002820 , L0002821 , L0002822 , L0002823 , L0002824 , L0002825 , L0002826 , L0002827 , L0002828 , L0002829 , L0002830 , L0002831 , L0002832 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465021.27	3770066.81	11.50238	(15062506)	464696.27	3770091.81	10.57800	(15062506)
464721.27	3770091.81	10.59325	(15062506)	464746.27	3770091.81	10.60584	(15062506)
464771.27	3770091.81	10.61536	(15062506)	464796.27	3770091.81	10.62043	(15062506)
464821.27	3770091.81	10.61972	(15062506)	464846.27	3770091.81	10.61974	(15062506)
464871.27	3770091.81	10.62040	(15062506)	464896.27	3770091.81	10.61868	(15062506)
464921.27	3770091.81	10.61440	(15062506)	464946.27	3770091.81	10.60941	(15062506)
464971.27	3770091.81	10.60939	(15062506)	464996.27	3770091.81	10.60677	(15062506)
465021.27	3770091.81	10.59938	(15062506)	464696.27	3770116.81	9.81683	(15062506)
464721.27	3770116.81	9.82969	(15062506)	464746.27	3770116.81	9.84049	(15062506)
464771.27	3770116.81	9.84874	(15062506)	464796.27	3770116.81	9.85353	(15062506)
464821.27	3770116.81	9.85293	(15062506)	464846.27	3770116.81	9.85201	(15062506)
464871.27	3770116.81	9.85069	(15062506)	464896.27	3770116.81	9.84763	(15062506)
464921.27	3770116.81	9.84280	(15062506)	464946.27	3770116.81	9.83637	(15062506)
464971.27	3770116.81	9.83123	(15062506)	464996.27	3770116.81	9.82707	(15062506)
465021.27	3770116.81	9.81925	(15062506)	465046.27	3770116.81	9.80482	(15062506)
465071.27	3770116.81	9.78669	(15062506)	464696.27	3770141.81	9.15014	(15062506)
464721.27	3770141.81	9.16098	(15062506)	464746.27	3770141.81		

9.16989 (15062506)
464771.27 3770141.81 9.17643 (15062506) 464796.27 3770141.81
9.18078 (15062506)
464821.27 3770141.81 9.18093 (15062506) 464846.27 3770141.81
9.17935 (15062506)
464871.27 3770141.81 9.17704 (15062506) 464896.27 3770141.81
9.17291 (15062506)
464921.27 3770141.81 9.16723 (15062506) 464946.27 3770141.81
9.16026 (15062506)
464971.27 3770141.81 9.15277 (15062506) 464996.27 3770141.81
9.14646 (15062506)
465021.27 3770141.81 9.13760 (15062506) 465046.27 3770141.81
9.12250 (15062506)
465071.27 3770141.81 9.10343 (15062506) 464696.27 3770166.81
8.56072 (15062506)
464721.27 3770166.81 8.56970 (15062506) 464746.27 3770166.81
8.57674 (15062506)
464771.27 3770166.81 8.58202 (15062506) 464796.27 3770166.81
8.58585 (15062506)
464821.27 3770166.81 8.58685 (15062506) 464846.27 3770166.81
8.58559 (15062506)
464871.27 3770166.81 8.58274 (15062506) 464896.27 3770166.81
8.57803 (15062506)
464921.27 3770166.81 8.57169 (15062506) 464946.27 3770166.81
8.56406 (15062506)
464971.27 3770166.81 8.55545 (15062506) 464996.27 3770166.81
8.54700 (15062506)
465021.27 3770166.81 8.53632 (15062506) 465046.27 3770166.81
8.52093 (15062506)
465071.27 3770166.81 8.50215 (15062506) 464696.27 3770191.81
8.15985 (15070102)
464721.27 3770191.81 8.14158 (15070102) 464746.27 3770191.81
8.12762 (16102323)
464771.27 3770191.81 8.11543 (16102323) 464796.27 3770191.81
8.09854 (13051221)
464821.27 3770191.81 8.08132 (13051221) 464846.27 3770191.81
8.07454 (13051221)
464871.27 3770191.81 8.07759 (13051221) 464896.27 3770191.81
8.07043 (13051221)
464921.27 3770191.81 8.04649 (13051221) 464946.27 3770191.81
8.03796 (15090824)
464971.27 3770191.81 8.02318 (15062506) 464996.27 3770191.81
8.01330 (15062506)
465021.27 3770191.81 8.00140 (15062506) 465046.27 3770191.81
7.98583 (15062506)
465071.27 3770191.81 7.96740 (15062506) 465096.27 3770191.81
7.94608 (15062506)
465121.27 3770191.81 7.92199 (15062506) 464696.27 3770216.81
7.89230 (16102323)
464721.27 3770216.81 7.88105 (16102323) 464746.27 3770216.81
7.87556 (13051221)
464771.27 3770216.81 7.86457 (13051221) 464796.27 3770216.81
7.84315 (13051221)
464821.27 3770216.81 7.81175 (13051221) 464846.27 3770216.81
7.78167 (13051221)
464871.27 3770216.81 7.76808 (13051221) 464896.27 3770216.81
7.75703 (15090824)
464921.27 3770216.81 7.76303 (15090824) 464946.27 3770216.81
7.75831 (15090824)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TRUCK1   ***
                                INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   , L0002808   , L0002809   ,
                L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   , L0002816   , L0002817   ,
                L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   , L0002824   , L0002825   ,
                L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   , L0002832   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
7.16420  (15090824)
        464971.27   3770266.81        7.13084  (15090824)               464996.27   3770266.81
7.06151  (12081301)
        465021.27   3770266.81        7.00363  (15060920)               465046.27   3770266.81
6.99189  (15060920)
        465071.27   3770266.81        6.97829  (15060920)               465096.27   3770266.81
6.93705  (11070903)
        465121.27   3770266.81        6.91045  (13051321)               464696.27   3770291.81
7.09991  (13051221)
        464721.27   3770291.81        7.08032  (13051221)               464746.27   3770291.81
7.05414  (13051221)
        464771.27   3770291.81        7.02623  (15090824)               464796.27   3770291.81
7.02267  (15090824)
        464821.27   3770291.81        7.06317  (15090824)               464846.27   3770291.81
7.03483  (15090824)
        464871.27   3770291.81        7.00344  (15090824)               464896.27   3770291.81
7.03538  (15090824)
        464921.27   3770291.81        6.99055  (15090824)               464946.27   3770291.81
6.89467  (15090824)
        464971.27   3770291.81        6.87334  (15060920)               464996.27   3770291.81
6.83704  (15060920)
        465021.27   3770291.81        6.76357  (15060920)               465046.27   3770291.81
6.73461  (15060920)
        465071.27   3770291.81        6.70413  (11070903)               465096.27   3770291.81
6.68624  (13051321)
        465121.27   3770291.81        6.61620  (13051321)               464696.27   3770316.81
6.84717  (13051221)
        464721.27   3770316.81        6.81836  (15090824)               464746.27   3770316.81
6.81875  (15090824)
        464771.27   3770316.81        6.80470  (15090824)               464796.27   3770316.81
6.80042  (15090824)
        464821.27   3770316.81        6.85796  (15090824)               464846.27   3770316.81
6.82778  (15090824)
        464871.27   3770316.81        6.78646  (15090824)               464896.27   3770316.81
6.89691  (15081422)
        464921.27   3770316.81        6.85682  (15081422)               464946.27   3770316.81
6.69254  (15081422)
        464971.27   3770316.81        6.72314  (15081422)               464996.27   3770316.81
6.62507  (15060920)
        465021.27   3770316.81        6.52004  (15060920)               465046.27   3770316.81
6.43615  (11070903)
        465071.27   3770316.81        6.38550  (13051321)               465096.27   3770316.81
6.35733  (13051321)
        465121.27   3770316.81        6.26154  (13051321)               464696.27   3770341.81
6.59285  (15090824)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  TRUCK1   ***
                                  INCLUDING SOURCE(S):     L0002805    , L0002806    , L0002807    ,
L0002808    , L0002809    ,
                L0002810    , L0002811    , L0002812    , L0002813    , L0002814    , L0002815    ,
L0002816    , L0002817    ,
                L0002818    , L0002819    , L0002820    , L0002821    , L0002822    , L0002823    ,
L0002824    , L0002825    ,
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L0002826 , L0002827 , L0002828 , L0002829 , L0002830 , L0002831 , L0002832 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464721.27	3770341.81	6.59068	(15090824)	464746.27	3770341.81	6.58253	(15090824)
464771.27	3770341.81	6.56253	(15090824)	464796.27	3770341.81	6.57204	(15090824)
464821.27	3770341.81	6.63979	(15081422)	464846.27	3770341.81	6.64530	(15081422)
464871.27	3770341.81	6.61514	(15081422)	464896.27	3770341.81	6.76488	(15081422)
464921.27	3770341.81	6.72906	(15081422)	464946.27	3770341.81	6.54915	(15081422)
464971.27	3770341.81	6.55323	(15081422)	464996.27	3770341.81	6.40153	(15060920)
465021.27	3770341.81	6.27809	(11070903)	465046.27	3770341.81	6.13376	(13051321)
465071.27	3770341.81	5.99260	(13051321)	465096.27	3770341.81	5.92699	(13051321)
465121.27	3770341.81	5.88104	(16061822)	464696.27	3770366.81	6.41271	(15090824)
464721.27	3770366.81	6.40397	(15090824)	464746.27	3770366.81	6.39000	(15090824)
464771.27	3770366.81	6.35641	(15090824)	464796.27	3770366.81	6.34461	(15090824)
464821.27	3770366.81	6.48489	(15081422)	464846.27	3770366.81	6.53395	(15081422)
464871.27	3770366.81	6.49276	(15081422)	464896.27	3770366.81	6.62002	(15081422)
464921.27	3770366.81	6.58925	(15081422)	464946.27	3770366.81	6.40254	(15081422)
464971.27	3770366.81	6.37189	(15081422)	464996.27	3770366.81	6.18836	(11070903)
465021.27	3770366.81	6.06530	(13051321)	464696.27	3770391.81	6.29544	(13090622)
464721.27	3770391.81	6.24842	(13090622)	464746.27	3770391.81	6.22311	(15090824)
464771.27	3770391.81	6.17429	(15090824)	464796.27	3770391.81	6.14214	(15081422)
464821.27	3770391.81	6.37065	(15081422)	464846.27	3770391.81	6.40696	(15081422)
464871.27	3770391.81	6.37026	(15081422)	464896.27	3770391.81	6.47473	(15081422)
464921.27	3770391.81	6.43698	(15081422)	464946.27	3770391.81	6.24148	(15081422)
464971.27	3770391.81	6.19879	(16072803)	464996.27	3770391.81	5.98976	(13051321)
465021.27	3770391.81	5.86932	(13051321)	464696.27	3770416.81	6.06784	(13090622)
464721.27	3770416.81	6.04921	(15081422)	464746.27	3770416.81	6.04358	(15081422)
464771.27	3770416.81	5.98876	(15081422)	464796.27	3770416.81		

6.03079 (15081422)
        464821.27   3770416.81   6.25433 (15081422)   464846.27   3770416.81
6.28613 (15081422)
        464871.27   3770416.81   6.23349 (15081422)   464896.27   3770416.81
6.30484 (15081422)
        464921.27   3770416.81   6.24245 (15081422)   464946.27   3770416.81
6.09656 (16072803)
        464971.27   3770416.81   6.06745 (16072803)   464996.27   3770416.81
5.82389 (13051321)
        465021.27   3770416.81   5.69335 (13051321)   464696.27   3770441.81
5.96703 (15081422)
        464721.27   3770441.81   5.96050 (15081422)   464746.27   3770441.81
5.95570 (15081422)
        464771.27   3770441.81   5.89735 (15081422)   464796.27   3770441.81
5.93090 (15081422)
        464821.27   3770441.81   6.12877 (15081422)   464846.27   3770441.81
6.14345 (15081422)
        464871.27   3770441.81   6.06950 (15081422)   464896.27   3770441.81
6.10793 (15081422)
        464921.27   3770441.81   6.06274 (16072803)   464946.27   3770441.81
5.93488 (16072803)
        464971.27   3770441.81   5.95202 (15082701)   464996.27   3770441.81
5.67303 (15082522)
        465021.27   3770441.81   5.53563 (16061822)   465871.27   3770441.81
4.84311 (11082520)
        465896.27   3770441.81   4.81420 (16061921)   465921.27   3770441.81
4.80446 (16061921)
        465946.27   3770441.81   4.67378 (16061921)   465971.27   3770441.81
4.32694 (13082921)
        465996.27   3770441.81   4.22719 (12091519)   466021.27   3770441.81
4.19840 (15081521)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK1   ***
                                  INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - -
        464696.27   3770466.81   5.95775 (15081422)   464721.27   3770466.81
5.93772 (15081422)

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        464746.27   3770466.81        5.93755  (15081422)              464771.27   3770466.81
5.85882  (15081422)
        464796.27   3770466.81        5.83539  (15081422)              464821.27   3770466.81
5.99099  (15081422)
        464846.27   3770466.81        5.97078  (15081422)              464871.27   3770466.81
5.88057  (16072803)
        464896.27   3770466.81        5.94045  (16072803)              464921.27   3770466.81
5.87485  (16072803)
        464946.27   3770466.81        5.78342  (15082701)              464971.27   3770466.81
5.82059  (15082701)
        464996.27   3770466.81        5.57267  (15082522)              465021.27   3770466.81
5.40345  (16061822)
        465871.27   3770466.81        4.79278  (12101719)              465896.27   3770466.81
4.80041  (16061921)
        465921.27   3770466.81        4.81582  (16061921)              465946.27   3770466.81
4.72178  (16061921)
        465971.27   3770466.81        4.41106  (13082921)              465996.27   3770466.81
4.22377  (13082921)
        466021.27   3770466.81        4.16263  (12091519)              464696.27   3770491.81
5.83024  (15081422)
        464721.27   3770491.81        5.81234  (15081422)              464746.27   3770491.81
5.80126  (15081422)
        464771.27   3770491.81        5.73079  (15081422)              464796.27   3770491.81
5.72503  (15081422)
        464821.27   3770491.81        5.84625  (15081422)              464846.27   3770491.81
5.78672  (16072803)
        464871.27   3770491.81        5.71753  (16072803)              464896.27   3770491.81
5.76257  (16072803)
        464921.27   3770491.81        5.71520  (15082701)              464946.27   3770491.81
5.63426  (15082701)
        464971.27   3770491.81        5.68002  (15082522)              464996.27   3770491.81
5.46959  (15082522)
        465021.27   3770491.81        5.28135  (12081122)              465871.27   3770491.81
4.68219  (12101719)
        465896.27   3770491.81        4.66583  (11082520)              465921.27   3770491.81
4.67141  (16061921)
        465946.27   3770491.81        4.60972  (16061921)              465971.27   3770491.81
4.42300  (16061921)
        465996.27   3770491.81        4.31546  (13082921)              466021.27   3770491.81
4.15797  (13082921)
        464696.27   3770516.81        5.71454  (15081422)              464721.27   3770516.81
5.69463  (15081422)
        464746.27   3770516.81        5.66717  (15081422)              464771.27   3770516.81
5.59773  (15081422)
        464796.27   3770516.81        5.59802  (15081422)              464821.27   3770516.81
5.69689  (16072803)
        464846.27   3770516.81        5.63620  (16072803)              464871.27   3770516.81
5.55454  (16072803)
        464896.27   3770516.81        5.61783  (15082701)              464921.27   3770516.81
5.57178  (15082701)
        464946.27   3770516.81        5.49339  (15082522)              464971.27   3770516.81
5.54112  (15082522)
        464996.27   3770516.81        5.36362  (15082522)              465021.27   3770516.81
5.16704  (12081122)
        465871.27   3770516.81        4.56988  (12101719)              465896.27   3770516.81
4.51488  (11082520)
        465921.27   3770516.81        4.49503  (16061921)              465946.27   3770516.81
4.44891  (16061921)
        465971.27   3770516.81        4.35122  (16061921)              465996.27   3770516.81
4.31320  (13082921)
        466021.27   3770516.81        4.16972  (13082921)              464696.27   3770541.81
```

5.69528 (15081422)
        464721.27   3770541.81   5.64242 (15081422)   464746.27   3770541.81
5.60143 (15081422)
        464771.27   3770541.81   5.51165 (15081422)   464796.27   3770541.81
5.50088 (16072803)
        464821.27   3770541.81   5.59309 (16072803)   464846.27   3770541.81
5.48499 (16072803)
        464871.27   3770541.81   5.41232 (15082701)   464896.27   3770541.81
5.46416 (15082701)
        464921.27   3770541.81   5.42121 (15082522)   464946.27   3770541.81
5.35048 (15082522)
        464971.27   3770541.81   5.37812 (15082522)   464996.27   3770541.81
5.24147 (15082522)
        465021.27   3770541.81   5.05357 (15082522)   465871.27   3770541.81
4.55623 (12101719)
        465896.27   3770541.81   4.53104 (12101719)   465921.27   3770541.81
4.40269 (16061921)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK1   ***
                                INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - -
        465946.27   3770541.81   4.27413 (16061921)   465971.27   3770541.81
4.21986 (16061921)
        465996.27   3770541.81   4.22268 (16061921)   466021.27   3770541.81
4.12301 (13082921)
        464696.27   3770566.81   5.59756 (15081422)   464721.27   3770566.81
5.52110 (15081422)
        464746.27   3770566.81   5.46681 (15081422)   464771.27   3770566.81
5.41135 (16072803)
        464796.27   3770566.81   5.41420 (16072803)   464821.27   3770566.81
5.47389 (16072803)
        464846.27   3770566.81   5.36188 (15082701)   464871.27   3770566.81
5.28010 (15082701)
        464896.27   3770566.81   5.29045 (15082522)   464921.27   3770566.81
5.25600 (15082522)
        464946.27   3770566.81   5.19297 (15082522)   464971.27   3770566.81
5.18581 (15082522)

```
        464996.27   3770566.81        5.09143  (15082522)              465021.27   3770566.81
4.94510  (15082522)
        465871.27   3770566.81        4.50872  (12101719)              465896.27   3770566.81
4.49693  (12101719)
        465921.27   3770566.81        4.34211  (11082520)              465946.27   3770566.81
4.17528  (16061921)
        465971.27   3770566.81        4.10745  (16061921)              465996.27   3770566.81
4.09978  (16061921)
        466021.27   3770566.81        4.02874  (13082921)              464696.27   3770591.81
5.46191  (15081422)
        464721.27   3770591.81        5.38150  (16072803)              464746.27   3770591.81
5.35928  (16072803)
        464771.27   3770591.81        5.31723  (16072803)              464796.27   3770591.81
5.32527  (16072803)
        464821.27   3770591.81        5.38382  (12071301)              464846.27   3770591.81
5.27028  (15082701)
        464871.27   3770591.81        5.18712  (15082522)              464896.27   3770591.81
5.16405  (15082522)
        464921.27   3770591.81        5.12639  (15082522)              464946.27   3770591.81
5.07658  (15082522)
        464971.27   3770591.81        5.03961  (15082522)              464996.27   3770591.81
4.96807  (15082522)
        465021.27   3770591.81        4.87529  (16102718)              465871.27   3770591.81
4.43319  (12101719)
        465896.27   3770591.81        4.42403  (12101719)              465921.27   3770591.81
4.29267  (12101719)
        465946.27   3770591.81        4.14348  (16061921)              465971.27   3770591.81
4.06425  (16061921)
        465996.27   3770591.81        4.03546  (16061921)              466021.27   3770591.81
3.99917  (16061921)
        464696.27   3770616.81        5.42064  (16072803)              464721.27   3770616.81
5.37765  (16072803)
        464746.27   3770616.81        5.35202  (16072803)              464771.27   3770616.81
5.28908  (16072803)
        464796.27   3770616.81        5.27780  (12071301)              464821.27   3770616.81
5.32901  (15082701)
        464846.27   3770616.81        5.21784  (15082701)              464871.27   3770616.81
5.17058  (15082522)
        464896.27   3770616.81        5.13848  (15082522)              464921.27   3770616.81
5.09550  (15082522)
        464946.27   3770616.81        5.04849  (15082522)              464971.27   3770616.81
4.99631  (15082522)
        464996.27   3770616.81        4.93581  (16102718)              465021.27   3770616.81
4.84027  (16102718)
        465871.27   3770616.81        4.35447  (12101719)              465896.27   3770616.81
4.34169  (12101719)
        465921.27   3770616.81        4.25270  (12101719)              465946.27   3770616.81
4.14367  (11082520)
        465971.27   3770616.81        4.07069  (16061921)              465996.27   3770616.81
4.02724  (16061921)
        466021.27   3770616.81        4.01245  (16061921)              464696.27   3770641.81
5.44046  (16072803)
        464721.27   3770641.81        5.42114  (16072803)              464746.27   3770641.81
5.37327  (16072803)
        464771.27   3770641.81        5.28496  (12071301)              464796.27   3770641.81
5.22651  (15082701)
        464821.27   3770641.81        5.24991  (15082701)              464846.27   3770641.81
5.20928  (15082522)
        464871.27   3770641.81        5.16054  (15082522)              464896.27   3770641.81
5.12062  (15082522)
        464921.27   3770641.81        5.06892  (15082522)              464946.27   3770641.81
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK1   ***
                                  INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 - - -

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        464721.27   3770716.81        5.14946  (15082701)               464746.27   3770716.81
5.12437  (15082701)
        464771.27   3770716.81        5.07737  (15082522)               464796.27   3770716.81
5.11578  (15082522)
        464821.27   3770716.81        5.04342  (15082522)               464846.27   3770716.81
4.94674  (15082522)
        464871.27   3770716.81        4.93231  (15082522)               464896.27   3770716.81
4.90715  (15082522)
        464921.27   3770716.81        4.81247  (16102718)               464946.27   3770716.81
4.74231  (16102718)
        464971.27   3770716.81        4.75116  (16102718)               464996.27   3770716.81
4.72401  (16072824)
        465021.27   3770716.81        4.65323  (16072824)               464696.27   3770741.81
5.00884  (15082701)
        464721.27   3770741.81        5.06170  (15082701)               464746.27   3770741.81
5.05013  (15082701)
        464771.27   3770741.81        5.01751  (15082522)               464796.27   3770741.81
5.05485  (15082522)
        464821.27   3770741.81        4.97769  (15082522)               464846.27   3770741.81
4.87705  (15082522)
        464871.27   3770741.81        4.86036  (15082522)               464896.27   3770741.81
4.84267  (16102718)
        464921.27   3770741.81        4.75385  (16102718)               464946.27   3770741.81
4.68278  (16102718)
        464971.27   3770741.81        4.69769  (16072824)               464996.27   3770741.81
4.68520  (16072824)
        465021.27   3770741.81        4.61197  (16072824)               464696.27   3770766.81
4.91161  (15082701)
        464721.27   3770766.81        4.96582  (15082701)               464746.27   3770766.81
4.98170  (15082522)
        464771.27   3770766.81        4.94694  (15082522)               464796.27   3770766.81
4.97833  (15082522)
        464821.27   3770766.81        4.89977  (15082522)               464846.27   3770766.81
4.79647  (15082522)
        464871.27   3770766.81        4.77980  (16102718)               464896.27   3770766.81
4.77611  (16102718)
        464921.27   3770766.81        4.67931  (16102718)               464946.27   3770766.81
4.60731  (16102718)
        464971.27   3770766.81        4.64475  (16072824)               464996.27   3770766.81
4.63792  (16072824)
        465021.27   3770766.81        4.57082  (16072824)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  TRUCK2   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                    L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                    L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465946.27	3769266.81	4.42207	(13041207)	465971.27	3769266.81	4.21116	(13041207)
465996.27	3769266.81	3.96712	(13041207)	466021.27	3769266.81	3.67952	(13041207)
466046.27	3769266.81	3.35112	(13041207)	466071.27	3769266.81	3.14054	(15062506)
466096.27	3769266.81	3.05565	(15062506)	466121.27	3769266.81	2.97277	(15062506)
466146.27	3769266.81	2.89223	(15062506)	466171.27	3769266.81	2.81343	(15062506)
466196.27	3769266.81	2.73598	(15062506)	465946.27	3769291.81	4.57318	(13041207)
465971.27	3769291.81	4.34561	(13041207)	465996.27	3769291.81	4.07709	(13041207)
466021.27	3769291.81	3.75810	(13041207)	466046.27	3769291.81	3.39618	(13041207)
466071.27	3769291.81	3.24469	(15062506)	466096.27	3769291.81	3.15324	(15062506)
466121.27	3769291.81	3.06462	(15062506)	466146.27	3769291.81	2.97886	(15062506)
466171.27	3769291.81	2.89441	(15062506)	466196.27	3769291.81	2.81173	(15062506)
465946.27	3769316.81	4.73591	(13041207)	465971.27	3769316.81	4.49002	(13041207)
465996.27	3769316.81	4.18965	(13041207)	466021.27	3769316.81	3.83474	(13041207)
466046.27	3769316.81	3.45352	(15062506)	466071.27	3769316.81	3.35362	(15062506)
466096.27	3769316.81	3.25523	(15062506)	466121.27	3769316.81	3.16016	(15062506)
466146.27	3769316.81	3.06875	(15062506)	466171.27	3769316.81	2.97847	(15062506)
466196.27	3769316.81	2.89007	(15062506)	465946.27	3769341.81	4.91569	(13041207)
465971.27	3769341.81	4.63992	(13041207)	465996.27	3769341.81	4.30370	(13041207)
466021.27	3769341.81	3.90786	(13041207)	466046.27	3769341.81	3.57652	(15062506)
466071.27	3769341.81	3.46855	(15062506)	466096.27	3769341.81	3.36235	(15062506)
466121.27	3769341.81	3.26012	(15062506)	466146.27	3769341.81	3.16237	(15062506)
466171.27	3769341.81	3.06575	(15062506)	466196.27	3769341.81	2.97126	(15062506)
465946.27	3769366.81	5.10838	(13041207)	465971.27	3769366.81	4.79747	(13041207)
465996.27	3769366.81	4.41840	(13041207)	466021.27	3769366.81	3.97543	(13041207)
466046.27	3769366.81	3.70643	(15062506)	466071.27	3769366.81	3.58961	(15062506)
466096.27	3769366.81	3.47544	(15062506)	466121.27	3769366.81	3.36557	(15062506)

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       466146.27   3769366.81        3.26031  (15062506)               466171.27   3769366.81
3.15650  (15062506)
       466196.27   3769366.81        3.05527  (15062506)               464696.27   3770066.81
11.09641  (15062506)
       464721.27   3770066.81       11.17282  (15062506)               464746.27   3770066.81
11.27832  (12091322)
       464771.27   3770066.81       11.46551  (12112420)               464796.27   3770066.81
11.73602  (12112420)
       464821.27   3770066.81       12.08159  (12112420)               464846.27   3770066.81
12.32479  (12112420)
       464871.27   3770066.81       12.51382  (12112420)               464896.27   3770066.81
12.72060  (12112420)
       464921.27   3770066.81       12.98369  (12112420)               464946.27   3770066.81
13.15341  (12112420)
       464971.27   3770066.81       13.04414  (12112420)               464996.27   3770066.81
13.05510  (15021421)
       465021.27   3770066.81       12.96739  (15021421)               464696.27   3770091.81
10.62942  (12112420)
       464721.27   3770091.81       10.72080  (12112420)               464746.27   3770091.81
10.84978  (12112420)
       464771.27   3770091.81       11.01515  (12112420)               464796.27   3770091.81
11.27106  (12112420)
       464821.27   3770091.81       11.62914  (12112420)               464846.27   3770091.81
11.90965  (12112420)
       464871.27   3770091.81       12.10183  (12112420)               464896.27   3770091.81
12.30638  (12112420)
       464921.27   3770091.81       12.53953  (15021421)               464946.27   3770091.81
12.76292  (15021421)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***       01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***       15:16:13

               PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  TRUCK2   ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - -
       464971.27   3770091.81       12.73141  (15021421)               464996.27   3770091.81
12.61142  (15042922)
       465021.27   3770091.81       12.64426  (15042922)               464696.27   3770116.81
10.28164  (12112420)
       464721.27   3770116.81       10.36872  (12112420)               464746.27   3770116.81
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10.46556 (12112420)
        464771.27   3770116.81   10.58948 (12112420)   464796.27   3770116.81
10.77498 (15021421)
        464821.27   3770116.81   11.11872 (15021421)   464846.27   3770116.81
11.39200 (15021421)
        464871.27   3770116.81   11.61749 (15021421)   464896.27   3770116.81
11.83752 (15021421)
        464921.27   3770116.81   12.05568 (15021421)   464946.27   3770116.81
12.28169 (15042922)
        464971.27   3770116.81   12.37717 (15042922)   464996.27   3770116.81
12.28337 (15042922)
        465021.27   3770116.81   12.17332 (16111320)   465046.27   3770116.81
12.35117 (13031221)
        465071.27   3770116.81   12.66187 (15102321)   464696.27   3770141.81
9.97486 (15021421)
        464721.27   3770141.81   10.07606 (15021421)   464746.27   3770141.81
10.18946 (15021421)
        464771.27   3770141.81   10.32686 (15021421)   464796.27   3770141.81
10.48118 (15021421)
        464821.27   3770141.81   10.73062 (15021421)   464846.27   3770141.81
10.98157 (15042922)
        464871.27   3770141.81   11.21024 (15042922)   464896.27   3770141.81
11.43755 (15042922)
        464921.27   3770141.81   11.65546 (15042922)   464946.27   3770141.81
11.84572 (15042922)
        464971.27   3770141.81   11.99063 (16111320)   464996.27   3770141.81
11.95427 (16111320)
        465021.27   3770141.81   11.87953 (13031221)   465046.27   3770141.81
12.06764 (15102321)
        465071.27   3770141.81   12.36596 (15102321)   464696.27   3770166.81
9.70893 (15021421)
        464721.27   3770166.81   9.83402 (15021421)   464746.27   3770166.81
9.95918 (15042922)
        464771.27   3770166.81   10.10772 (15042922)   464796.27   3770166.81
10.24426 (15042922)
        464821.27   3770166.81   10.42235 (15042922)   464846.27   3770166.81
10.61903 (15042922)
        464871.27   3770166.81   10.80473 (15042922)   464896.27   3770166.81
11.01762 (16111320)
        464921.27   3770166.81   11.23668 (16111320)   464946.27   3770166.81
11.42169 (16111320)
        464971.27   3770166.81   11.59431 (13031221)   464996.27   3770166.81
11.63288 (15102321)
        465021.27   3770166.81   11.63726 (15102321)   465046.27   3770166.81
11.82506 (16091920)
        465071.27   3770166.81   12.15057 (16091920)   464696.27   3770191.81
9.51084 (15042922)
        464721.27   3770191.81   9.63956 (15042922)   464746.27   3770191.81
9.76884 (15042922)
        464771.27   3770191.81   9.89550 (15042922)   464796.27   3770191.81
9.99999 (15042922)
        464821.27   3770191.81   10.12899 (16111320)   464846.27   3770191.81
10.28613 (16111320)
        464871.27   3770191.81   10.47342 (16111320)   464896.27   3770191.81
10.68222 (13031221)
        464921.27   3770191.81   10.89195 (13031221)   464946.27   3770191.81
11.10160 (15102321)
        464971.27   3770191.81   11.28541 (15102321)   464996.27   3770191.81
11.36338 (13100621)
        465021.27   3770191.81   11.47978 (16091920)   465046.27   3770191.81
11.68705 (16091920)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK2 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465071.27	3770191.81	11.92193	(16091920)	465096.27	3770191.81	12.22948	(15070102)
465121.27	3770191.81	12.57674	(15070102)	464696.27	3770216.81	9.37707	(15042922)
464721.27	3770216.81	9.48593	(15042922)	464746.27	3770216.81	9.61276	(16111320)
464771.27	3770216.81	9.73759	(16111320)	464796.27	3770216.81	9.85087	(16111320)
464821.27	3770216.81	9.96153	(13031221)	464846.27	3770216.81	10.11017	(13031221)
464871.27	3770216.81	10.29998	(13031221)	464896.27	3770216.81	10.49999	(15102321)
464921.27	3770216.81	10.69478	(15102321)	464946.27	3770216.81	10.89623	(13100621)
464971.27	3770216.81	11.09822	(16091920)	464996.27	3770216.81	11.25749	(16091920)
465021.27	3770216.81	11.35235	(16091920)	465046.27	3770216.81	11.52460	(15070102)
465071.27	3770216.81	11.80660	(15070102)	465096.27	3770216.81	12.07819	(16102323)
465121.27	3770216.81	12.41952	(13051221)	464696.27	3770241.81	9.21275	(16111320)
464721.27	3770241.81	9.35869	(16111320)	464746.27	3770241.81	9.47482	(16111320)
464771.27	3770241.81	9.61816	(13031221)	464796.27	3770241.81	9.74937	(13031221)
464821.27	3770241.81	9.87340	(15102321)	464846.27	3770241.81	9.99412	(15102321)
464871.27	3770241.81	10.16282	(13100621)	464896.27	3770241.81	10.33339	(13100621)
464921.27	3770241.81	10.53464	(16091920)	464946.27	3770241.81	10.75028	(16091920)
464971.27	3770241.81	10.94274	(16091920)	464996.27	3770241.81		

11.10440 (16091920)
465021.27 3770241.81 11.18132 (15070102) 465046.27 3770241.81
11.34456 (15070102)
465071.27 3770241.81 11.62564 (16102323) 465096.27 3770241.81
11.97356 (13051221)
465121.27 3770241.81 12.32413 (13051221) 464696.27 3770266.81
8.98192 (13031221)
464721.27 3770266.81 9.11389 (13031221) 464746.27 3770266.81
9.23547 (13031221)
464771.27 3770266.81 9.36213 (15102321) 464796.27 3770266.81
9.49257 (15102321)
464821.27 3770266.81 9.65725 (13100621) 464846.27 3770266.81
9.76329 (13100621)
464871.27 3770266.81 9.92041 (16091920) 464896.27 3770266.81
10.17331 (16091920)
464921.27 3770266.81 10.35480 (16091920) 464946.27 3770266.81
10.46099 (16091920)
464971.27 3770266.81 10.67019 (15070102) 464996.27 3770266.81
10.82678 (15070102)
465021.27 3770266.81 10.87313 (16102323) 465046.27 3770266.81
11.11341 (16102323)
465071.27 3770266.81 11.42019 (13051221) 465096.27 3770266.81
11.68853 (13051221)
465121.27 3770266.81 11.87672 (15090824) 464696.27 3770291.81
8.82125 (15102321)
464721.27 3770291.81 8.93848 (15102321) 464746.27 3770291.81
9.05184 (15102321)
464771.27 3770291.81 9.16085 (13100621) 464796.27 3770291.81
9.27534 (13100621)
464821.27 3770291.81 9.51657 (16091920) 464846.27 3770291.81
9.66034 (16091920)
464871.27 3770291.81 9.79761 (16091920) 464896.27 3770291.81
10.07856 (16091920)
464921.27 3770291.81 10.20873 (15070102) 464946.27 3770291.81
10.26758 (15070102)
464971.27 3770291.81 10.47942 (15070102) 464996.27 3770291.81
10.58942 (16102323)
465021.27 3770291.81 10.62547 (16102323) 465046.27 3770291.81
10.88000 (13051221)
465071.27 3770291.81 11.11653 (13051221) 465096.27 3770291.81
11.31342 (15090824)
465121.27 3770291.81 11.49018 (15090824) 464696.27 3770316.81
8.64806 (13100621)
464721.27 3770316.81 8.75640 (13100621) 464746.27 3770316.81
8.86070 (13100621)
464771.27 3770316.81 8.97893 (16091920) 464796.27 3770316.81
9.13886 (16091920)
464821.27 3770316.81 9.43229 (16091920) 464846.27 3770316.81
9.54872 (16091920)
464871.27 3770316.81 9.64758 (15070102) 464896.27 3770316.81
9.96943 (15070102)
464921.27 3770316.81 10.08941 (15070102) 464946.27 3770316.81
10.07766 (16102323)
464971.27 3770316.81 10.33083 (16102323) 464996.27 3770316.81
10.38755 (13051221)
465021.27 3770316.81 10.41558 (13051221) 465046.27 3770316.81
10.45532 (13051221)
465071.27 3770316.81 10.56727 (15090824) 465096.27 3770316.81
10.80274 (15090824)
465121.27 3770316.81 10.82295 (15090824) 464696.27 3770341.81
8.41556 (13100621)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK2 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464721.27	3770341.81	8.54579	(16091920)	464746.27	3770341.81	8.67732	(16091920)
464771.27	3770341.81	8.78501	(16091920)	464796.27	3770341.81	8.95011	(16091920)
464821.27	3770341.81	9.23820	(16091920)	464846.27	3770341.81	9.39019	(15070102)
464871.27	3770341.81	9.50009	(15070102)	464896.27	3770341.81	9.76771	(15070102)
464921.27	3770341.81	9.91748	(16102323)	464946.27	3770341.81	9.92916	(16102323)
464971.27	3770341.81	10.15516	(13051221)	464996.27	3770341.81	10.19682	(13051221)
465021.27	3770341.81	10.09673	(13051221)	465046.27	3770341.81	9.96591	(15090824)
465071.27	3770341.81	9.86748	(15090824)	465096.27	3770341.81	9.90688	(15090824)
465121.27	3770341.81	9.91501	(15090824)	464696.27	3770366.81	8.32467	(16091920)
464721.27	3770366.81	8.43574	(16091920)	464746.27	3770366.81	8.53755	(16091920)
464771.27	3770366.81	8.59460	(16091920)	464796.27	3770366.81	8.74721	(15070102)
464821.27	3770366.81	9.06566	(15070102)	464846.27	3770366.81	9.22106	(15070102)
464871.27	3770366.81	9.31877	(16102323)	464896.27	3770366.81	9.61900	(16102323)
464921.27	3770366.81	9.75466	(16102323)	464946.27	3770366.81	9.79722	(13051221)
464971.27	3770366.81	9.99942	(13051221)	464996.27	3770366.81	9.91969	(13051221)
465021.27	3770366.81	9.83948	(15090824)	464696.27	3770391.81	8.24747	(16091920)
464721.27	3770391.81	8.32662	(16091920)	464746.27	3770391.81		

8.43305 (15070102)
        464771.27   3770391.81   8.49078 (15070102)   464796.27   3770391.81
8.58116 (15070102)
        464821.27   3770391.81   8.87774 (16102323)   464846.27   3770391.81
9.07511 (16102323)
        464871.27   3770391.81   9.19083 (16102323)   464896.27   3770391.81
9.44297 (13051221)
        464921.27   3770391.81   9.63587 (13051221)   464946.27   3770391.81
9.64544 (13051221)
        464971.27   3770391.81   9.75888 (11103022)   464996.27   3770391.81
9.70153 (15090824)
        465021.27   3770391.81   9.61183 (15090824)   464696.27   3770416.81
8.06503 (15070102)
        464721.27   3770416.81   8.16241 (15070102)   464746.27   3770416.81
8.24311 (15070102)
        464771.27   3770416.81   8.26728 (15070102)   464796.27   3770416.81
8.43659 (16102323)
        464821.27   3770416.81   8.77433 (16102323)   464846.27   3770416.81
8.93163 (16102323)
        464871.27   3770416.81   9.05337 (13051221)   464896.27   3770416.81
9.32213 (13051221)
        464921.27   3770416.81   9.44271 (13051221)   464946.27   3770416.81
9.44357 (11103022)
        464971.27   3770416.81   9.64213 (15090824)   464996.27   3770416.81
9.54090 (15090824)
        465021.27   3770416.81   9.36862 (15090824)   464696.27   3770441.81
7.94946 (15070102)
        464721.27   3770441.81   8.01130 (15070102)   464746.27   3770441.81
8.10631 (16102323)
        464771.27   3770441.81   8.17912 (16102323)   464796.27   3770441.81
8.32005 (16102323)
        464821.27   3770441.81   8.61244 (13051221)   464846.27   3770441.81
8.81473 (13051221)
        464871.27   3770441.81   8.91741 (13051221)   464896.27   3770441.81
9.11403 (13051221)
        464921.27   3770441.81   9.21459 (11103022)   464946.27   3770441.81
9.30605 (15090824)
        464971.27   3770441.81   9.51116 (15090824)   464996.27   3770441.81
9.33469 (15090824)
        465021.27   3770441.81   9.10482 (12081301)   465871.27   3770441.81
10.07843 (16061921)
        465896.27   3770441.81   9.85496 (16061921)   465921.27   3770441.81
9.77484 (13082921)
        465946.27   3770441.81   9.40603 (13082921)   465971.27   3770441.81
8.90023 (16062021)
        465996.27   3770441.81   8.54624 (12091519)   466021.27   3770441.81
8.40390 (12091519)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK2   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,

L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464696.27	3770466.81	7.86493	(16102323)	464721.27	3770466.81	7.96930	(16102323)
464746.27	3770466.81	8.07873	(16102323)	464771.27	3770466.81	8.10268	(16102323)
464796.27	3770466.81	8.21999	(13051221)	464821.27	3770466.81	8.52484	(13051221)
464846.27	3770466.81	8.65818	(13051221)	464871.27	3770466.81	8.70740	(11103022)
464896.27	3770466.81	8.90783	(11103022)	464921.27	3770466.81	9.05900	(15090824)
464946.27	3770466.81	9.13602	(15090824)	464971.27	3770466.81	9.29262	(15090824)
464996.27	3770466.81	9.08146	(12081301)	465021.27	3770466.81	8.87637	(15090204)
465871.27	3770466.81	9.90709	(16061921)	465896.27	3770466.81	9.85518	(16061921)
465921.27	3770466.81	9.77526	(13082921)	465946.27	3770466.81	9.48981	(13082921)
465971.27	3770466.81	8.78221	(16062021)	465996.27	3770466.81	8.52005	(16062021)
466021.27	3770466.81	8.33768	(12091519)	464696.27	3770491.81	7.75815	(16102323)
464721.27	3770491.81	7.83434	(16102323)	464746.27	3770491.81	7.90817	(13051221)
464771.27	3770491.81	8.00017	(13051221)	464796.27	3770491.81	8.13602	(13051221)
464821.27	3770491.81	8.38248	(13051221)	464846.27	3770491.81	8.46104	(11103022)
464871.27	3770491.81	8.52114	(15090824)	464896.27	3770491.81	8.77561	(15090824)
464921.27	3770491.81	8.88231	(15090824)	464946.27	3770491.81	8.89860	(15090824)
464971.27	3770491.81	9.00740	(12081301)	464996.27	3770491.81	8.83626	(15090204)
465021.27	3770491.81	8.77053	(15060920)	465871.27	3770491.81	9.54679	(16061921)
465896.27	3770491.81	9.51641	(16061921)	465921.27	3770491.81	9.41113	(16061921)
465946.27	3770491.81	9.17819	(13082921)	465971.27	3770491.81	8.70342	(13082921)
465996.27	3770491.81	8.43443	(16062021)	466021.27	3770491.81	8.20023	(16062021)
464696.27	3770516.81	7.61789	(16102323)	464721.27	3770516.81	7.70848	(13051221)
464746.27	3770516.81	7.82251	(13051221)	464771.27	3770516.81	7.88358	(13051221)
464796.27	3770516.81	7.99424	(13051221)	464821.27	3770516.81		

8.22812 (11103022)
        464846.27   3770516.81   8.29838 (15090824)   464871.27   3770516.81
8.41282 (15090824)
        464896.27   3770516.81   8.61327 (15090824)   464921.27   3770516.81
8.65326 (15090824)
        464946.27   3770516.81   8.62444 (12081301)   464971.27   3770516.81
8.73348 (13031223)
        464996.27   3770516.81   8.70082 (15060920)   465021.27   3770516.81
8.62354 (15060920)
        465871.27   3770516.81   9.18921 (11082520)   465896.27   3770516.81
9.10663 (16061921)
        465921.27   3770516.81   8.98913 (16061921)   465946.27   3770516.81
8.74903 (16061921)
        465971.27   3770516.81   8.48727 (13082921)   465996.27   3770516.81
8.36003 (13082921)
        466021.27   3770516.81   8.05276 (16062021)   464696.27   3770541.81
7.72616 (12091521)
        464721.27   3770541.81   7.73985 (13090622)   464746.27   3770541.81
7.81055 (13090622)
        464771.27   3770541.81   7.78773 (11103022)   464796.27   3770541.81
7.89953 (11103022)
        464821.27   3770541.81   8.12163 (15090824)   464846.27   3770541.81
8.19676 (15090824)
        464871.27   3770541.81   8.24565 (15090824)   464896.27   3770541.81
8.37425 (15090824)
        464921.27   3770541.81   8.38160 (12081301)   464946.27   3770541.81
8.35853 (13031223)
        464971.27   3770541.81   8.52857 (15060920)   464996.27   3770541.81
8.53367 (15060920)
        465021.27   3770541.81   8.44706 (11070903)   465871.27   3770541.81
9.10715 (11082520)
        465896.27   3770541.81   9.06699 (16061921)   465921.27   3770541.81
8.76025 (16061921)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK2   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
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        465946.27   3770541.81        8.35371  (16061921)              465971.27   3770541.81
8.12662  (13082921)
        465996.27   3770541.81        8.13451  (13082921)              466021.27   3770541.81
7.82847  (13082921)
        464696.27   3770566.81        7.70602  (13090622)              464721.27   3770566.81
7.70083  (13090622)
        464746.27   3770566.81        7.72885  (13090622)              464771.27   3770566.81
7.68292  (11103022)
        464796.27   3770566.81        7.82865  (15090824)              464821.27   3770566.81
8.04810  (15090824)
        464846.27   3770566.81        8.04853  (15090824)              464871.27   3770566.81
8.02828  (15090824)
        464896.27   3770566.81        8.08880  (12081301)              464921.27   3770566.81
8.10339  (13031223)
        464946.27   3770566.81        8.16496  (15090204)              464971.27   3770566.81
8.29843  (15060920)
        464996.27   3770566.81        8.29955  (15060920)              465021.27   3770566.81
8.28413  (11070903)
        465871.27   3770566.81        8.98923  (12101719)              465896.27   3770566.81
8.93208  (11082520)
        465921.27   3770566.81        8.58059  (16061921)              465946.27   3770566.81
8.12527  (16061921)
        465971.27   3770566.81        7.86697  (16061921)              465996.27   3770566.81
7.80745  (13082921)
        466021.27   3770566.81        7.64454  (13082921)              464696.27   3770591.81
7.62989  (13090622)
        464721.27   3770591.81        7.59162  (13090622)              464746.27   3770591.81
7.58380  (13090622)
        464771.27   3770591.81        7.61944  (15090824)              464796.27   3770591.81
7.77526  (15090824)
        464821.27   3770591.81        7.93507  (15090824)              464846.27   3770591.81
7.87388  (15090824)
        464871.27   3770591.81        7.83679  (12081301)              464896.27   3770591.81
7.86351  (13031223)
        464921.27   3770591.81        7.94234  (15090204)              464946.27   3770591.81
8.02058  (15060920)
        464971.27   3770591.81        8.07992  (15060920)              464996.27   3770591.81
8.13405  (11070903)
        465021.27   3770591.81        8.13080  (13051321)              465871.27   3770591.81
8.83181  (12101719)
        465896.27   3770591.81        8.69849  (11082520)              465921.27   3770591.81
8.40442  (11082520)
        465946.27   3770591.81        8.03950  (16061921)              465971.27   3770591.81
7.78664  (16061921)
        465996.27   3770591.81        7.61791  (16061921)              466021.27   3770591.81
7.54472  (13082921)
        464696.27   3770616.81        7.69228  (13090622)              464721.27   3770616.81
7.63583  (13090622)
        464746.27   3770616.81        7.65422  (15061824)              464771.27   3770616.81
7.63640  (12092221)
        464796.27   3770616.81        7.72656  (15081422)              464821.27   3770616.81
7.97229  (15081422)
        464846.27   3770616.81        7.84246  (15081422)              464871.27   3770616.81
7.79117  (15081422)
        464896.27   3770616.81        7.81381  (15090204)              464921.27   3770616.81
7.88919  (15060920)
        464946.27   3770616.81        7.93698  (15060920)              464971.27   3770616.81
8.00117  (11070903)
        464996.27   3770616.81        8.02364  (11070903)              465021.27   3770616.81
8.06130  (13051321)
        465871.27   3770616.81        8.65242  (12101719)              465896.27   3770616.81
```

8.51036 (12101719)
        465921.27   3770616.81   8.26001 (11082520)   465946.27   3770616.81
8.01121 (16061921)
        465971.27   3770616.81   7.80260 (16061921)   465996.27   3770616.81
7.62357 (16061921)
        466021.27   3770616.81   7.52659 (13082921)   464696.27   3770641.81
7.78320 (13090622)
        464721.27   3770641.81   7.83719 (15061824)   464746.27   3770641.81
7.84296 (15061824)
        464771.27   3770641.81   7.76105 (12092221)   464796.27   3770641.81
7.77423 (15081422)
        464821.27   3770641.81   7.93568 (15081422)   464846.27   3770641.81
7.90851 (15081422)
        464871.27   3770641.81   7.81992 (15081422)   464896.27   3770641.81
7.77578 (15060920)
        464921.27   3770641.81   7.81799 (15060920)   464946.27   3770641.81
7.87353 (11070903)
        464971.27   3770641.81   7.91669 (11070903)   464996.27   3770641.81
7.96017 (13051321)

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK2   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 - - -

```
        465021.27   3770666.81        7.78813  (16061822)              464696.27   3770691.81
7.51689  (12092221)
        464721.27   3770691.81        7.67030  (12092221)              464746.27   3770691.81
7.73457  (15081422)
        464771.27   3770691.81        7.72699  (15081422)              464796.27   3770691.81
7.82303  (15081422)
        464821.27   3770691.81        7.71310  (15081422)              464846.27   3770691.81
7.51748  (16102921)
        464871.27   3770691.81        7.55899  (16072803)              464896.27   3770691.81
7.58452  (16072803)
        464921.27   3770691.81        7.52955  (11070903)              464946.27   3770691.81
7.52583  (13051321)
        464971.27   3770691.81        7.64668  (13051321)              464996.27   3770691.81
7.68469  (13051321)
        465021.27   3770691.81        7.70890  (16061822)              464696.27   3770716.81
7.44300  (12092221)
        464721.27   3770716.81        7.66963  (15081422)              464746.27   3770716.81
7.71922  (15081422)
        464771.27   3770716.81        7.68917  (15081422)              464796.27   3770716.81
7.80119  (15081422)
        464821.27   3770716.81        7.62379  (15081422)              464846.27   3770716.81
7.49278  (16072803)
        464871.27   3770716.81        7.56274  (16072803)              464896.27   3770716.81
7.58496  (16072803)
        464921.27   3770716.81        7.47272  (15102521)              464946.27   3770716.81
7.46060  (13051321)
        464971.27   3770716.81        7.61429  (15082701)              464996.27   3770716.81
7.68205  (15082522)
        465021.27   3770716.81        7.61399  (16061822)              464696.27   3770741.81
7.38695  (15081422)
        464721.27   3770741.81        7.59756  (15081422)              464746.27   3770741.81
7.64689  (15081422)
        464771.27   3770741.81        7.59485  (15081422)              464796.27   3770741.81
7.67331  (15081422)
        464821.27   3770741.81        7.57542  (16102921)              464846.27   3770741.81
7.44712  (16072803)
        464871.27   3770741.81        7.48861  (16072803)              464896.27   3770741.81
7.55137  (15102521)
        464921.27   3770741.81        7.46038  (15082701)              464946.27   3770741.81
7.44077  (15082701)
        464971.27   3770741.81        7.61589  (15082522)              464996.27   3770741.81
7.66074  (15082522)
        465021.27   3770741.81        7.51666  (15082522)              464696.27   3770766.81
7.28652  (15081422)
        464721.27   3770766.81        7.47263  (15081422)              464746.27   3770766.81
7.53317  (15081422)
        464771.27   3770766.81        7.44214  (15081422)              464796.27   3770766.81
7.59375  (16102921)
        464821.27   3770766.81        7.51062  (16072803)              464846.27   3770766.81
7.35124  (16072803)
        464871.27   3770766.81        7.40652  (15102521)              464896.27   3770766.81
7.49216  (15102521)
        464921.27   3770766.81        7.41841  (15082701)              464946.27   3770766.81
7.38453  (15082522)
        464971.27   3770766.81        7.56845  (15082522)              464996.27   3770766.81
7.59869  (15082522)
        465021.27   3770766.81        7.44375  (15082522)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK3 ***

INCLUDING SOURCE(S): L0003803 , L0003804 , L0003805 , L0003806 , L0003807 , L0003808 , L0003809 , L0003810 , L0003811 , L0003812 , L0003813 , L0003814 , L0003815 , L0003816 , L0003817 , L0003818 , L0003819 , L0003820 , L0003821 , L0003822 , L0003823 , L0003824 , L0003825 , L0003826 , L0003827 , L0003828 , L0003829 , L0003830 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465946.27	3769266.81	5.78341	(16012717)	465971.27	3769266.81	5.83047	(16012717)
465996.27	3769266.81	5.89626	(16012717)	466021.27	3769266.81	5.95450	(16012717)
466046.27	3769266.81	6.00177	(16012717)	466071.27	3769266.81	6.04116	(16012717)
466096.27	3769266.81	6.07529	(16012717)	466121.27	3769266.81	6.10605	(16012717)
466146.27	3769266.81	6.13295	(16012717)	466171.27	3769266.81	6.15437	(16012717)
466196.27	3769266.81	6.16997	(16012717)	465946.27	3769291.81	6.03492	(16012717)
465971.27	3769291.81	6.09792	(16012717)	465996.27	3769291.81	6.17504	(16012717)
466021.27	3769291.81	6.23250	(16012717)	466046.27	3769291.81	6.28203	(16012717)
466071.27	3769291.81	6.32467	(16012717)	466096.27	3769291.81	6.36221	(16012717)
466121.27	3769291.81	6.39732	(16012717)	466146.27	3769291.81	6.42872	(16012717)
466171.27	3769291.81	6.45304	(16012717)	466196.27	3769291.81	6.47105	(16012717)
465946.27	3769316.81	6.31409	(16012717)	465971.27	3769316.81	6.40191	(16012717)
465996.27	3769316.81	6.47681	(16012717)	466021.27	3769316.81	6.53433	(16012717)
466046.27	3769316.81	6.58524	(16012717)	466071.27	3769316.81	6.63125	(16012717)
466096.27	3769316.81	6.67294	(16012717)	466121.27	3769316.81	6.71278	(16012717)
466146.27	3769316.81	6.74986	(16012717)	466171.27	3769316.81	6.77804	(16012717)
466196.27	3769316.81	6.79869	(16012717)	465946.27	3769341.81	6.63949	(16012717)
465971.27	3769341.81	6.72259	(16012717)	465996.27	3769341.81	6.79956	(16012717)

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        466021.27   3769341.81        6.86034  (16012717)               466046.27   3769341.81
6.91528  (16012717)
        466071.27   3769341.81        6.96590  (16012717)               466096.27   3769341.81
7.01184  (16012717)
        466121.27   3769341.81        7.05687  (16012717)               466146.27   3769341.81
7.10044  (16012717)
        466171.27   3769341.81        7.13316  (16012717)               466196.27   3769341.81
7.15695  (16012717)
        465946.27   3769366.81        6.99529  (16012717)               465971.27   3769366.81
7.07530  (16012717)
        465996.27   3769366.81        7.15150  (16012717)               466021.27   3769366.81
7.21661  (16012717)
        466046.27   3769366.81        7.27647  (16012717)               466071.27   3769366.81
7.33234  (16012717)
        466096.27   3769366.81        7.38468  (16012717)               466121.27   3769366.81
7.43627  (16012717)
        466146.27   3769366.81        7.48582  (16012717)               466171.27   3769366.81
7.52313  (16012717)
        466196.27   3769366.81        7.55021  (16012717)               464696.27   3770066.81
5.18308  (16092504)
        464721.27   3770066.81        5.26607  (16092504)               464746.27   3770066.81
5.38216  (12082805)
        464771.27   3770066.81        5.52897  (12082805)               464796.27   3770066.81
5.72821  (12082805)
        464821.27   3770066.81        6.03798  (12082805)               464846.27   3770066.81
6.21088  (12082805)
        464871.27   3770066.81        6.32524  (12082805)               464896.27   3770066.81
6.44785  (12082805)
        464921.27   3770066.81        6.62225  (12101602)               464946.27   3770066.81
6.70873  (12101602)
        464971.27   3770066.81        6.51475  (12101602)               464996.27   3770066.81
6.13521  (12101602)
        465021.27   3770066.81        5.66644  (12101602)               464696.27   3770091.81
5.29669  (12082805)
        464721.27   3770091.81        5.36752  (12082805)               464746.27   3770091.81
5.43144  (12101602)
        464771.27   3770091.81        5.60566  (12101602)               464796.27   3770091.81
5.81151  (12101602)
        464821.27   3770091.81        6.15424  (12101602)               464846.27   3770091.81
6.36832  (12101602)
        464871.27   3770091.81        6.50772  (12101602)               464896.27   3770091.81
6.65097  (12101602)
        464921.27   3770091.81        6.80304  (12101602)               464946.27   3770091.81
6.91376  (12101602)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  TRUCK3   ***
                                  INCLUDING SOURCE(S):     L0003803    , L0003804    , L0003805    ,
L0003806    , L0003807    ,
                L0003808    , L0003809    , L0003810    , L0003811    , L0003812    , L0003813    ,
L0003814    , L0003815    ,
                L0003816    , L0003817    , L0003818    , L0003819    , L0003820    , L0003821    ,
L0003822    , L0003823    ,
                L0003824    , L0003825    , L0003826    , L0003827    , L0003828    , L0003829    ,
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L0003830 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464971.27	3770091.81	6.75316	(12101602)	464996.27	3770091.81	6.52726	(12101602)
465021.27	3770091.81	5.97457	(12101602)	464696.27	3770116.81	5.41988	(12101602)
464721.27	3770116.81	5.49594	(12101602)	464746.27	3770116.81	5.57768	(12101602)
464771.27	3770116.81	5.67905	(12101602)	464796.27	3770116.81	5.82866	(12101602)
464821.27	3770116.81	6.12436	(12101602)	464846.27	3770116.81	6.32004	(12101602)
464871.27	3770116.81	6.46460	(12101602)	464896.27	3770116.81	6.59833	(12101602)
464921.27	3770116.81	6.72054	(12101602)	464946.27	3770116.81	6.83732	(11082205)
464971.27	3770116.81	6.85084	(11082205)	464996.27	3770116.81	6.61947	(11082205)
465021.27	3770116.81	6.39797	(11082205)	465046.27	3770116.81	6.28964	(11082205)
465071.27	3770116.81	6.22624	(11082205)	464696.27	3770141.81	5.54321	(12101602)
464721.27	3770141.81	5.61404	(12101602)	464746.27	3770141.81	5.68985	(12101602)
464771.27	3770141.81	5.78386	(12101602)	464796.27	3770141.81	5.88841	(11082205)
464821.27	3770141.81	6.09063	(11082205)	464846.27	3770141.81	6.32658	(11082205)
464871.27	3770141.81	6.48056	(11082205)	464896.27	3770141.81	6.62850	(11082205)
464921.27	3770141.81	6.76039	(11082205)	464946.27	3770141.81	6.81839	(11082205)
464971.27	3770141.81	6.86387	(11082205)	464996.27	3770141.81	6.71642	(11082205)
465021.27	3770141.81	6.52898	(11082205)	465046.27	3770141.81	6.50852	(11082205)
465071.27	3770141.81	6.63354	(11082205)	464696.27	3770166.81	5.65682	(13101821)
464721.27	3770166.81	5.73923	(11082205)	464746.27	3770166.81	5.83952	(11082205)
464771.27	3770166.81	5.94124	(11082205)	464796.27	3770166.81	6.03154	(11082205)
464821.27	3770166.81	6.15734	(11082205)	464846.27	3770166.81	6.32456	(12091322)
464871.27	3770166.81	6.47585	(12091322)	464896.27	3770166.81	6.62121	(12091322)
464921.27	3770166.81	6.74278	(12091322)	464946.27	3770166.81	6.81222	(12091322)
464971.27	3770166.81	6.77711	(12091322)	464996.27	3770166.81	6.69184	(16011020)
465021.27	3770166.81	6.63642	(16011020)	465046.27	3770166.81	6.64145	(16011020)

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       465071.27   3770166.81        6.79711  (15031421)               464696.27   3770191.81
5.94834  (12091322)
       464721.27   3770191.81        6.05185  (12091322)               464746.27   3770191.81
6.14924  (12091322)
       464771.27   3770191.81        6.23267  (12091322)               464796.27   3770191.81
6.27105  (12091322)
       464821.27   3770191.81        6.31452  (12091322)               464846.27   3770191.81
6.39510  (12091322)
       464871.27   3770191.81        6.52314  (12091322)               464896.27   3770191.81
6.64384  (12091322)
       464921.27   3770191.81        6.74006  (12091322)               464946.27   3770191.81
6.81024  (12091322)
       464971.27   3770191.81        6.83137  (15031421)               464996.27   3770191.81
6.83149  (15031421)
       465021.27   3770191.81        6.81117  (15031421)               465046.27   3770191.81
6.91112  (15031421)
       465071.27   3770191.81        7.04436  (15031421)               465096.27   3770191.81
7.21427  (15031421)
       465121.27   3770191.81        7.41201  (15031421)               464696.27   3770216.81
6.27896  (12091322)
       464721.27   3770216.81        6.36286  (12091322)               464746.27   3770216.81
6.43305  (12091322)
       464771.27   3770216.81        6.48855  (12091322)               464796.27   3770216.81
6.52133  (12091322)
       464821.27   3770216.81        6.53681  (12091322)               464846.27   3770216.81
6.57036  (12091322)
       464871.27   3770216.81        6.67525  (12091322)               464896.27   3770216.81
6.76426  (12091322)
       464921.27   3770216.81        6.86365  (12070903)               464946.27   3770216.81
6.97704  (12070903)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***       01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***       15:16:13

               PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  TRUCK3   ***
                                INCLUDING SOURCE(S):     L0003803    , L0003804    , L0003805    ,
L0003806    , L0003807    ,
                L0003808    , L0003809    , L0003810    , L0003811    , L0003812    , L0003813    ,
L0003814    , L0003815    ,
                L0003816    , L0003817    , L0003818    , L0003819    , L0003820    , L0003821    ,
L0003822    , L0003823    ,
                L0003824    , L0003825    , L0003826    , L0003827    , L0003828    , L0003829    ,
L0003830    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
       464971.27   3770216.81        7.03293  (15031421)               464996.27   3770216.81
7.09061  (15031421)
       465021.27   3770216.81        7.05211  (15031421)               465046.27   3770216.81
```

7.14661 (15031421)
465071.27 3770216.81 7.30193 (15031421) 465096.27 3770216.81
7.46562 (15031421)
465121.27 3770216.81 7.60638 (15031421) 464696.27 3770241.81
6.43533 (12091322)
464721.27 3770241.81 6.55659 (12091322) 464746.27 3770241.81
6.62272 (12091322)
464771.27 3770241.81 6.68713 (12091322) 464796.27 3770241.81
6.71801 (12091322)
464821.27 3770241.81 6.75925 (12070903) 464846.27 3770241.81
6.79205 (12070903)
464871.27 3770241.81 6.91049 (12070903) 464896.27 3770241.81
7.00617 (12070903)
464921.27 3770241.81 7.10657 (12070903) 464946.27 3770241.81
7.17344 (12112420)
464971.27 3770241.81 7.23427 (12112420) 464996.27 3770241.81
7.27317 (12112420)
465021.27 3770241.81 7.22849 (15031421) 465046.27 3770241.81
7.30832 (15031421)
465071.27 3770241.81 7.45689 (15031421) 465096.27 3770241.81
7.61842 (12093021)
465121.27 3770241.81 7.78025 (12093021) 464696.27 3770266.81
6.37533 (12091322)
464721.27 3770266.81 6.46953 (12070903) 464746.27 3770266.81
6.56180 (12070903)
464771.27 3770266.81 6.64625 (12070903) 464796.27 3770266.81
6.72844 (12070903)
464821.27 3770266.81 6.85947 (12070903) 464846.27 3770266.81
6.87818 (12070903)
464871.27 3770266.81 6.94420 (12112420) 464896.27 3770266.81
7.12921 (12112420)
464921.27 3770266.81 7.20309 (12112420) 464946.27 3770266.81
7.17867 (12112420)
464971.27 3770266.81 7.29175 (12112420) 464996.27 3770266.81
7.31096 (12112420)
465021.27 3770266.81 7.19959 (12093021) 465046.27 3770266.81
7.33637 (12093021)
465071.27 3770266.81 7.48994 (12093021) 465096.27 3770266.81
7.60389 (12093021)
465121.27 3770266.81 7.68863 (12093021) 464696.27 3770291.81
6.50359 (12070903)
464721.27 3770291.81 6.58407 (12070903) 464746.27 3770291.81
6.66224 (12070903)
464771.27 3770291.81 6.70834 (12112420) 464796.27 3770291.81
6.78760 (12112420)
464821.27 3770291.81 7.03416 (12112420) 464846.27 3770291.81
7.05443 (12112420)
464871.27 3770291.81 7.08027 (12112420) 464896.27 3770291.81
7.36249 (12112420)
464921.27 3770291.81 7.38770 (12112420) 464946.27 3770291.81
7.25882 (12112420)
464971.27 3770291.81 7.40909 (12112420) 464996.27 3770291.81
7.35465 (13121802)
465021.27 3770291.81 7.21295 (15021421) 465046.27 3770291.81
7.31037 (15021421)
465071.27 3770291.81 7.43141 (15021421) 465096.27 3770291.81
7.50651 (15021421)
465121.27 3770291.81 7.45079 (12093021) 464696.27 3770316.81
6.56861 (12112420)
464721.27 3770316.81 6.64728 (12112420) 464746.27 3770316.81
6.72847 (12112420)

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       464771.27   3770316.81        6.76667  (12112420)               464796.27   3770316.81
6.84626  (12112420)
       464821.27   3770316.81        7.16476  (12112420)               464846.27   3770316.81
7.18814  (12112420)
       464871.27   3770316.81        7.19313  (12112420)               464896.27   3770316.81
7.50349  (12112420)
       464921.27   3770316.81        7.52404  (13121802)               464946.27   3770316.81
7.36123  (15021421)
       464971.27   3770316.81        7.56323  (15021421)               464996.27   3770316.81
7.47877  (15021421)
       465021.27   3770316.81        7.25464  (15021421)               465046.27   3770316.81
7.12883  (15021421)
       465071.27   3770316.81        7.09554  (12092322)               465096.27   3770316.81
7.17073  (12092322)
       465121.27   3770316.81        7.12478  (12092322)               464696.27   3770341.81
6.53247  (12112420)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***       01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***       15:16:13

               PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  TRUCK3   ***
                                INCLUDING SOURCE(S):     L0003803    , L0003804    , L0003805    ,
L0003806    , L0003807    ,
                L0003808    , L0003809    , L0003810    , L0003811    , L0003812    , L0003813    ,
L0003814    , L0003815    ,
                L0003816    , L0003817    , L0003818    , L0003819    , L0003820    , L0003821    ,
L0003822    , L0003823    ,
                L0003824    , L0003825    , L0003826    , L0003827    , L0003828    , L0003829    ,
L0003830    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
       464721.27   3770341.81        6.59344  (12112420)               464746.27   3770341.81
6.64520  (12112420)
       464771.27   3770341.81        6.66500  (12112420)               464796.27   3770341.81
6.79704  (12112420)
       464821.27   3770341.81        7.14466  (13121802)               464846.27   3770341.81
7.21395  (13121802)
       464871.27   3770341.81        7.23310  (13121802)               464896.27   3770341.81
7.57688  (15021421)
       464921.27   3770341.81        7.65185  (15021421)               464946.27   3770341.81
7.50594  (15021421)
       464971.27   3770341.81        7.66637  (15021421)               464996.27   3770341.81
7.48748  (15021421)
       465021.27   3770341.81        7.17415  (15021421)               465046.27   3770341.81
6.81501  (12092322)
       465071.27   3770341.81        6.61299  (12092322)               465096.27   3770341.81
6.61631  (12092322)
       465121.27   3770341.81        6.59625  (12092322)               464696.27   3770366.81
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6.55684  (12112420)
        464721.27   3770366.81        6.59644  (12112420)              464746.27   3770366.81
6.63617  (13121802)
        464771.27   3770366.81        6.63223  (13121802)              464796.27   3770366.81
6.72414  (13121802)
        464821.27   3770366.81        7.13711  (15021421)              464846.27   3770366.81
7.30793  (15021421)
        464871.27   3770366.81        7.34956  (15021421)              464896.27   3770366.81
7.66080  (15021421)
        464921.27   3770366.81        7.73786  (15021421)              464946.27   3770366.81
7.57665  (15021421)
        464971.27   3770366.81        7.67852  (15021421)              464996.27   3770366.81
7.45581  (15042922)
        465021.27   3770366.81        7.09544  (15042922)              464696.27   3770391.81
6.63625  (13121802)
        464721.27   3770391.81        6.67435  (13121802)              464746.27   3770391.81
6.73850  (15021421)
        464771.27   3770391.81        6.73431  (15021421)              464796.27   3770391.81
6.80762  (15021421)
        464821.27   3770391.81        7.22180  (15021421)              464846.27   3770391.81
7.36680  (15021421)
        464871.27   3770391.81        7.40752  (15021421)              464896.27   3770391.81
7.68008  (15021421)
        464921.27   3770391.81        7.76135  (15042922)              464946.27   3770391.81
7.63223  (15042922)
        464971.27   3770391.81        7.71441  (15042922)              464996.27   3770391.81
7.37460  (15042922)
        465021.27   3770391.81        6.99170  (15042922)              464696.27   3770416.81
6.60488  (15021421)
        464721.27   3770416.81        6.67149  (15021421)              464746.27   3770416.81
6.72796  (15021421)
        464771.27   3770416.81        6.71571  (15021421)              464796.27   3770416.81
6.84211  (15021421)
        464821.27   3770416.81        7.24569  (15021421)              464846.27   3770416.81
7.37714  (15021421)
        464871.27   3770416.81        7.43489  (15042922)              464896.27   3770416.81
7.70205  (15042922)
        464921.27   3770416.81        7.76926  (15042922)              464946.27   3770416.81
7.65228  (15042922)
        464971.27   3770416.81        7.71648  (15042922)              464996.27   3770416.81
7.30450  (15042922)
        465021.27   3770416.81        6.92832  (16111320)              464696.27   3770441.81
6.67043  (15021421)
        464721.27   3770441.81        6.71501  (15021421)              464746.27   3770441.81
6.76240  (15021421)
        464771.27   3770441.81        6.73531  (15021421)              464796.27   3770441.81
6.86936  (15042922)
        464821.27   3770441.81        7.27759  (15042922)              464846.27   3770441.81
7.42629  (15042922)
        464871.27   3770441.81        7.44532  (15042922)              464896.27   3770441.81
7.65565  (15042922)
        464921.27   3770441.81        7.66995  (15042922)              464946.27   3770441.81
7.55769  (15042922)
        464971.27   3770441.81        7.67561  (16111320)              464996.27   3770441.81
7.29345  (16111320)
        465021.27   3770441.81        6.92728  (16111320)              465871.27   3770441.81
7.30013  (13051321)
        465896.27   3770441.81        7.24564  (13051321)              465921.27   3770441.81
7.23615  (13051321)
        465946.27   3770441.81        7.11573  (12081122)              465971.27   3770441.81
6.72883  (12081122)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK3 ***

INCLUDING SOURCE(S): L0003803 , L0003804 , L0003805 , L0003806 , L0003807 ,
L0003808 , L0003809 , L0003810 , L0003811 , L0003812 , L0003813 , L0003814 , L0003815 ,
L0003816 , L0003817 , L0003818 , L0003819 , L0003820 , L0003821 , L0003822 , L0003823 ,
L0003824 , L0003825 , L0003826 , L0003827 , L0003828 , L0003829 , L0003830 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464696.27	3770466.81	6.78808	(15021421)	464721.27	3770466.81	6.81071	(15042922)
464746.27	3770466.81	6.90258	(15042922)	464771.27	3770466.81	6.88257	(15042922)
464796.27	3770466.81	6.94696	(15042922)	464821.27	3770466.81	7.29129	(15042922)
464846.27	3770466.81	7.37936	(15042922)	464871.27	3770466.81	7.35938	(15042922)
464896.27	3770466.81	7.53340	(16111320)	464921.27	3770466.81	7.55469	(16111320)
464946.27	3770466.81	7.48578	(16111320)	464971.27	3770466.81	7.60688	(16111320)
464996.27	3770466.81	7.24488	(16111320)	465021.27	3770466.81	6.90761	(13031221)
465871.27	3770466.81	7.20391	(13051321)	465896.27	3770466.81	7.20904	(13051321)
465921.27	3770466.81	7.21512	(13051321)	465946.27	3770466.81	7.08958	(13051321)
465971.27	3770466.81	6.75134	(12081122)	465996.27	3770466.81	6.57799	(15101121)
466021.27	3770466.81	6.52113	(15101121)	464696.27	3770491.81	6.77152	(15042922)
464721.27	3770491.81	6.82561	(15042922)	464746.27	3770491.81	6.89230	(15042922)
464771.27	3770491.81	6.87507	(15042922)	464796.27	3770491.81	6.95905	(15042922)
464821.27	3770491.81	7.24841	(15042922)	464846.27	3770491.81	7.27774	(16111320)
464871.27	3770491.81	7.27072	(16111320)	464896.27	3770491.81	7.44901	(16111320)
464921.27	3770491.81	7.43742	(16111320)	464946.27	3770491.81		

7.35156 (16111320)
        464971.27   3770491.81   7.47073 (13031221)   464996.27   3770491.81
7.20991 (13031221)
        465021.27   3770491.81   6.93356 (13031221)   465871.27   3770491.81
7.00866 (13051321)
        465896.27   3770491.81   6.99554 (13051321)   465921.27   3770491.81
6.98400 (13051321)
        465946.27   3770491.81   6.89322 (13051321)   465971.27   3770491.81
6.69466 (12081122)
        465996.27   3770491.81   6.59339 (15101121)   466021.27   3770491.81
6.46131 (15101121)
        464696.27   3770516.81   6.76509 (15042922)   464721.27   3770516.81
6.80712 (15042922)
        464746.27   3770516.81   6.84172 (15042922)   464771.27   3770516.81
6.81889 (15042922)
        464796.27   3770516.81   6.94931 (16111320)   464821.27   3770516.81
7.21943 (16111320)
        464846.27   3770516.81   7.21028 (16111320)   464871.27   3770516.81
7.17395 (16111320)
        464896.27   3770516.81   7.32271 (16111320)   464921.27   3770516.81
7.29948 (13031221)
        464946.27   3770516.81   7.24035 (13031221)   464971.27   3770516.81
7.37445 (13031221)
        464996.27   3770516.81   7.15563 (13031221)   465021.27   3770516.81
6.91559 (15102321)
        465871.27   3770516.81   6.81726 (13051321)   465896.27   3770516.81
6.75669 (12081122)
        465921.27   3770516.81   6.71217 (12081122)   465946.27   3770516.81
6.64069 (12081122)
        465971.27   3770516.81   6.53266 (12081122)   465996.27   3770516.81
6.52177 (15101121)
        466021.27   3770516.81   6.38927 (15090919)   464696.27   3770541.81
6.86171 (15042922)
        464721.27   3770541.81   6.85905 (16111320)   464746.27   3770541.81
6.91567 (16111320)
        464771.27   3770541.81   6.90250 (16111320)   464796.27   3770541.81
6.97710 (16111320)
        464821.27   3770541.81   7.19180 (16111320)   464846.27   3770541.81
7.09915 (16111320)
        464871.27   3770541.81   7.04674 (13031221)   464896.27   3770541.81
7.19196 (13031221)
        464921.27   3770541.81   7.17830 (13031221)   464946.27   3770541.81
7.10927 (13031221)
        464971.27   3770541.81   7.21137 (15102321)   464996.27   3770541.81
7.07449 (15102321)
        465021.27   3770541.81   6.87487 (13100621)   465871.27   3770541.81
6.78555 (13051321)
        465896.27   3770541.81   6.75090 (13051321)   465921.27   3770541.81
6.56759 (12081122)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK3   ***

                                INCLUDING SOURCE(S):   L0003803   , L0003804   , L0003805   ,
L0003806   , L0003807   ,

L0003808 , L0003809 , L0003810 , L0003811 , L0003812 , L0003813 , L0003814 , L0003815 ,
L0003816 , L0003817 , L0003818 , L0003819 , L0003820 , L0003821 , L0003822 , L0003823 ,
L0003824 , L0003825 , L0003826 , L0003827 , L0003828 , L0003829 , L0003830 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465946.27	3770541.81	6.37622	(12081122)	465971.27	3770541.81	6.31869	(15101121)
465996.27	3770541.81	6.35131	(15101121)	466021.27	3770541.81	6.27209	(15090919)
464696.27	3770566.81	6.88322	(16111320)	464721.27	3770566.81	6.87315	(16111320)
464746.27	3770566.81	6.90272	(16111320)	464771.27	3770566.81	6.88252	(16111320)
464796.27	3770566.81	6.94490	(16111320)	464821.27	3770566.81	7.13022	(13031221)
464846.27	3770566.81	7.02787	(13031221)	464871.27	3770566.81	6.95165	(13031221)
464896.27	3770566.81	7.00993	(13031221)	464921.27	3770566.81	6.99706	(15102321)
464946.27	3770566.81	6.95452	(15102321)	464971.27	3770566.81	7.00049	(15102321)
464996.27	3770566.81	6.94138	(13100621)	465021.27	3770566.81	6.81819	(13100621)
465871.27	3770566.81	6.70759	(13051321)	465896.27	3770566.81	6.68035	(13051321)
465921.27	3770566.81	6.46531	(12081122)	465946.27	3770566.81	6.21922	(12081122)
465971.27	3770566.81	6.13750	(15101121)	465996.27	3770566.81	6.14826	(15101121)
466021.27	3770566.81	6.11514	(15090919)	464696.27	3770591.81	6.84709	(16111320)
464721.27	3770591.81	6.81970	(16111320)	464746.27	3770591.81	6.82989	(16111320)
464771.27	3770591.81	6.84591	(13031221)	464796.27	3770591.81	6.95693	(13031221)
464821.27	3770591.81	7.11085	(13031221)	464846.27	3770591.81	6.96862	(13031221)
464871.27	3770591.81	6.88299	(15102321)	464896.27	3770591.81	6.88768	(15102321)
464921.27	3770591.81	6.87041	(15102321)	464946.27	3770591.81	6.85423	(13100621)
464971.27	3770591.81	6.86809	(13100621)	464996.27	3770591.81	6.83765	(13100621)
465021.27	3770591.81	6.76042	(15102622)	465871.27	3770591.81	6.58969	(13051321)
465896.27	3770591.81	6.55837	(13051321)	465921.27	3770591.81	6.37328	(12081122)
465946.27	3770591.81	6.15995	(15101121)	465971.27	3770591.81	6.04811	(15101121)
465996.27	3770591.81	6.02161	(15090919)	466021.27	3770591.81		

6.02150 (15090919)
        464696.27   3770616.81   6.90910 (16111320)   464721.27   3770616.81
6.91370 (13031221)
        464746.27   3770616.81   6.95837 (13031221)   464771.27   3770616.81
6.94645 (13031221)
        464796.27   3770616.81   6.97649 (13031221)   464821.27   3770616.81
7.09306 (15102321)
        464846.27   3770616.81   6.96521 (15102321)   464871.27   3770616.81
6.92018 (15102321)
        464896.27   3770616.81   6.91090 (13100621)   464921.27   3770616.81
6.89620 (13100621)
        464946.27   3770616.81   6.87933 (13100621)   464971.27   3770616.81
6.86358 (15102622)
        464996.27   3770616.81   6.86187 (16091920)   465021.27   3770616.81
6.81554 (16091920)
        465871.27   3770616.81   6.46846 (13051321)   465896.27   3770616.81
6.42574 (13051321)
        465921.27   3770616.81   6.29040 (13051321)   465946.27   3770616.81
6.14472 (12081122)
        465971.27   3770616.81   6.03328 (15101121)   465996.27   3770616.81
5.97957 (15090919)
        466021.27   3770616.81   5.98660 (15090919)   464696.27   3770641.81
7.08012 (13031221)
        464721.27   3770641.81   7.12364 (13031221)   464746.27   3770641.81
7.12231 (13031221)
        464771.27   3770641.81   7.01857 (15102321)   464796.27   3770641.81
6.96552 (15102321)
        464821.27   3770641.81   7.04178 (15102321)   464846.27   3770641.81
7.00904 (13100621)
        464871.27   3770641.81   6.96871 (13100621)   464896.27   3770641.81
6.94403 (13100621)
        464921.27   3770641.81   6.90469 (13100621)   464946.27   3770641.81
6.89546 (15102622)
        464971.27   3770641.81   6.92624 (16091920)   464996.27   3770641.81
6.90904 (16091920)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK3   ***
                                  INCLUDING SOURCE(S):   L0003803   , L0003804   , L0003805   ,
L0003806   , L0003807   ,
                L0003808   , L0003809   , L0003810   , L0003811   , L0003812   , L0003813   ,
L0003814   , L0003815   ,
                L0003816   , L0003817   , L0003818   , L0003819   , L0003820   , L0003821   ,
L0003822   , L0003823   ,
                L0003824   , L0003825   , L0003826   , L0003827   , L0003828   , L0003829   ,
L0003830   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)

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6.75183 (15102622)
        464771.27   3770766.81   6.74867 (16091920)   464796.27   3770766.81
6.85270 (16091920)
        464821.27   3770766.81   6.78173 (16091920)   464846.27   3770766.81
6.67778 (16091920)
        464871.27   3770766.81   6.70406 (16091920)   464896.27   3770766.81
6.71584 (16091920)
        464921.27   3770766.81   6.62278 (15070102)   464946.27   3770766.81
6.58132 (15070102)
        464971.27   3770766.81   6.64758 (15070102)   464996.27   3770766.81
6.64070 (15070102)
        465021.27   3770766.81   6.54906 (15070102)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK4   ***
                                  INCLUDING SOURCE(S):   L0003540   , L0003541   , L0003542   ,
L0003543   , L0003544   ,
                L0003545   , L0003546   , L0003547   , L0003548   , L0003549   , L0003550   ,
L0003551   , L0003552   ,
                L0003553   , L0003554   , L0003555   , L0003556   , L0003557   , L0003558   ,
L0003559   , L0003560   ,
                L0003561   , L0003562   , L0003563   , L0003564   , L0003565   , L0003566   ,
L0003567   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - -
        465946.27   3769266.81   5.48543 (15062506)   465971.27   3769266.81
5.53914 (15062506)
        465996.27   3769266.81   6.00141 (13041207)   466021.27   3769266.81
6.39928 (13041207)
        466046.27   3769266.81   6.67709 (13041207)   466071.27   3769266.81
6.81513 (13041207)
        466096.27   3769266.81   6.81128 (13041207)   466121.27   3769266.81
6.67979 (13041207)
        466146.27   3769266.81   6.44734 (13041207)   466171.27   3769266.81
6.14773 (13041207)
        466196.27   3769266.81   5.92485 (15062506)   465946.27   3769291.81
5.77149 (15062506)
        465971.27   3769291.81   6.00294 (13041207)   465996.27   3769291.81
6.51186 (13041207)
        466021.27   3769291.81   6.91102 (13041207)   466046.27   3769291.81
7.16777 (13041207)
        466071.27   3769291.81   7.26401 (13041207)   466096.27   3769291.81
7.20407 (13041207)
        466121.27   3769291.81   7.01147 (13041207)   466146.27   3769291.81
6.72091 (13041207)

```
        466171.27   3769291.81        6.37272  (13041207)              466196.27   3769291.81
6.24382  (15062506)
        465946.27   3769316.81        6.09147  (15062506)              465971.27   3769316.81
6.54708  (13041207)
        465996.27   3769316.81        7.07690  (13041207)              466021.27   3769316.81
7.47093  (13041207)
        466046.27   3769316.81        7.69550  (13041207)              466071.27   3769316.81
7.73780  (13041207)
        466096.27   3769316.81        7.61099  (13041207)              466121.27   3769316.81
7.34973  (13041207)
        466146.27   3769316.81        6.99794  (13041207)              466171.27   3769316.81
6.60110  (13041207)
        466196.27   3769316.81        6.59143  (15062506)              465946.27   3769341.81
6.50315  (13041207)
        465971.27   3769341.81        7.15094  (13041207)              465996.27   3769341.81
7.70079  (13041207)
        466021.27   3769341.81        8.08182  (13041207)              466046.27   3769341.81
8.26184  (13041207)
        466071.27   3769341.81        8.23644  (13041207)              466096.27   3769341.81
8.03088  (13041207)
        466121.27   3769341.81        7.69364  (13041207)              466146.27   3769341.81
7.27856  (13041207)
        466171.27   3769341.81        6.95354  (15062506)              466196.27   3769341.81
6.97236  (15062506)
        465946.27   3769366.81        7.13838  (13041207)              465971.27   3769366.81
7.83160  (13041207)
        465996.27   3769366.81        8.39338  (13041207)              466021.27   3769366.81
8.74874  (13041207)
        466046.27   3769366.81        8.86779  (13041207)              466071.27   3769366.81
8.75871  (13041207)
        466096.27   3769366.81        8.46325  (13041207)              466121.27   3769366.81
8.04403  (13041207)
        466146.27   3769366.81        7.56437  (13041207)              466171.27   3769366.81
7.37396  (15062506)
        466196.27   3769366.81        7.39117  (15062506)              464696.27   3770066.81
6.68834  (12082805)
        464721.27   3770066.81        6.83880  (12082805)              464746.27   3770066.81
7.02769  (12082805)
        464771.27   3770066.81        7.30513  (12082805)              464796.27   3770066.81
7.61909  (12082805)
        464821.27   3770066.81        8.08706  (12101602)              464846.27   3770066.81
8.40946  (12101602)
        464871.27   3770066.81        8.64285  (12101602)              464896.27   3770066.81
8.89334  (12101602)
        464921.27   3770066.81        9.19968  (12101602)              464946.27   3770066.81
9.37106  (12101602)
        464971.27   3770066.81        9.10276  (12101602)              464996.27   3770066.81
8.73309  (12101602)
        465021.27   3770066.81        8.15275  (12101602)              464696.27   3770091.81
6.88210  (12101602)
        464721.27   3770091.81        7.02804  (12101602)              464746.27   3770091.81
7.20059  (12101602)
        464771.27   3770091.81        7.41251  (12101602)              464796.27   3770091.81
7.79509  (12101602)
        464821.27   3770091.81        8.31947  (12101602)              464846.27   3770091.81
8.64267  (12101602)
        464871.27   3770091.81        8.88034  (12101602)              464896.27   3770091.81
9.12769  (12101602)
        464921.27   3770091.81        9.39716  (16092824)              464946.27   3770091.81
9.61601  (11082205)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK4 ***

INCLUDING SOURCE(S): L0003540 , L0003541 , L0003542 , L0003543 , L0003544 ,
L0003545 , L0003546 , L0003547 , L0003548 , L0003549 , L0003550 , L0003551 , L0003552 ,
L0003553 , L0003554 , L0003555 , L0003556 , L0003557 , L0003558 , L0003559 , L0003560 ,
L0003561 , L0003562 , L0003563 , L0003564 , L0003565 , L0003566 , L0003567 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464971.27	3770091.81	9.47627	(11082205)	464996.27	3770091.81	9.18905	(11082205)
465021.27	3770091.81	8.76248	(11082205)	464696.27	3770116.81	7.10897	(12101602)
464721.27	3770116.81	7.24235	(12101602)	464746.27	3770116.81	7.36362	(12101602)
464771.27	3770116.81	7.53199	(12101602)	464796.27	3770116.81	7.78211	(12101602)
464821.27	3770116.81	8.24604	(11082205)	464846.27	3770116.81	8.62888	(12091322)
464871.27	3770116.81	8.93410	(12091322)	464896.27	3770116.81	9.21828	(12091322)
464921.27	3770116.81	9.47911	(12091322)	464946.27	3770116.81	9.68904	(12091322)
464971.27	3770116.81	9.63285	(11082205)	464996.27	3770116.81	9.35162	(11082205)
465021.27	3770116.81	9.10092	(11082205)	465046.27	3770116.81	9.06927	(16011020)
465071.27	3770116.81	9.21840	(15031421)	464696.27	3770141.81	7.28399	(13101821)
464721.27	3770141.81	7.41448	(11082205)	464746.27	3770141.81	7.56910	(11082205)
464771.27	3770141.81	7.74884	(11082205)	464796.27	3770141.81	7.94496	(12091322)
464821.27	3770141.81	8.34842	(12091322)	464846.27	3770141.81	8.72235	(12091322)
464871.27	3770141.81	9.00259	(12091322)	464896.27	3770141.81	9.26967	(12091322)
464921.27	3770141.81	9.50015	(12091322)	464946.27	3770141.81	9.66785	(12091322)
464971.27	3770141.81	9.68389	(12091322)	464996.27	3770141.81	9.56504	(15031421)
465021.27	3770141.81	9.36561	(15031421)	465046.27	3770141.81	9.54543	(15031421)

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       465071.27   3770141.81        9.89252  (15031421)               464696.27   3770166.81
7.63188  (12091322)
       464721.27   3770166.81        7.77166  (12091322)               464746.27   3770166.81
7.93232  (12091322)
       464771.27   3770166.81        8.09591  (12091322)               464796.27   3770166.81
8.20613  (12091322)
       464821.27   3770166.81        8.42410  (12091322)               464846.27   3770166.81
8.70586  (12091322)
       464871.27   3770166.81        8.93422  (12091322)               464896.27   3770166.81
9.15603  (12091322)
       464921.27   3770166.81        9.37013  (15031421)               464946.27   3770166.81
9.56276  (15031421)
       464971.27   3770166.81        9.77935  (15031421)               464996.27   3770166.81
9.73710  (15031421)
       465021.27   3770166.81        9.65898  (15031421)               465046.27   3770166.81
9.83004  (15031421)
       465071.27   3770166.81       10.10700  (15031421)               464696.27   3770191.81
7.92077  (12091322)
       464721.27   3770191.81        8.07317  (12091322)               464746.27   3770191.81
8.21837  (12091322)
       464771.27   3770191.81        8.34669  (12091322)               464796.27   3770191.81
8.42003  (12091322)
       464821.27   3770191.81        8.49978  (12091322)               464846.27   3770191.81
8.65986  (12070903)
       464871.27   3770191.81        8.92121  (15031421)               464896.27   3770191.81
9.18883  (15031421)
       464921.27   3770191.81        9.44398  (15031421)               464946.27   3770191.81
9.68448  (15031421)
       464971.27   3770191.81        9.79777  (15031421)               464996.27   3770191.81
9.86849  (15031421)
       465021.27   3770191.81        9.84837  (15031421)               465046.27   3770191.81
9.99258  (12093021)
       465071.27   3770191.81       10.18306  (12093021)               465096.27   3770191.81
10.44489  (12093021)
       465121.27   3770191.81       10.83384  (12093021)               464696.27   3770216.81
8.19015  (12091322)
       464721.27   3770216.81        8.30737  (12091322)               464746.27   3770216.81
8.46875  (12070903)
       464771.27   3770216.81        8.61383  (12070903)               464796.27   3770216.81
8.73095  (12070903)
       464821.27   3770216.81        8.82606  (12070903)               464846.27   3770216.81
8.96195  (12112420)
       464871.27   3770216.81        9.19687  (12112420)               464896.27   3770216.81
9.41280  (12112420)
       464921.27   3770216.81        9.61749  (12112420)               464946.27   3770216.81
9.79904  (12112420)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  TRUCK4   ***
                                INCLUDING SOURCE(S):     L0003540    , L0003541    , L0003542    ,
L0003543    , L0003544    ,
                L0003545    , L0003546    , L0003547    , L0003548    , L0003549    , L0003550    ,
L0003551    , L0003552    ,
                L0003553    , L0003554    , L0003555    , L0003556    , L0003557    , L0003558    ,
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L0003559 , L0003560 ,
L0003561 , L0003562 , L0003563 , L0003564 , L0003565 , L0003566 ,
L0003567 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464971.27	3770216.81	9.90012	(12093021)	464996.27	3770216.81	10.04144	(12093021)
465021.27	3770216.81	10.04434	(12093021)	465046.27	3770216.81	10.20012	(12093021)
465071.27	3770216.81	10.45773	(12093021)	465096.27	3770216.81	10.72095	(12093021)
465121.27	3770216.81	11.00153	(12092322)	464696.27	3770241.81	8.41696	(12070903)
464721.27	3770241.81	8.63513	(12070903)	464746.27	3770241.81	8.78850	(12112420)
464771.27	3770241.81	8.96247	(12112420)	464796.27	3770241.81	9.09400	(12112420)
464821.27	3770241.81	9.20386	(12112420)	464846.27	3770241.81	9.27242	(12112420)
464871.27	3770241.81	9.44709	(12112420)	464896.27	3770241.81	9.59026	(12112420)
464921.27	3770241.81	9.73618	(12112420)	464946.27	3770241.81	9.84562	(15021421)
464971.27	3770241.81	9.99927	(15021421)	464996.27	3770241.81	10.12049	(15021421)
465021.27	3770241.81	10.09836	(12093021)	465046.27	3770241.81	10.27634	(12092322)
465071.27	3770241.81	10.55857	(12092322)	465096.27	3770241.81	10.83537	(12092322)
465121.27	3770241.81	11.06149	(12092322)	464696.27	3770266.81	8.45544	(12112420)
464721.27	3770266.81	8.61679	(12112420)	464746.27	3770266.81	8.75328	(12112420)
464771.27	3770266.81	8.87805	(12112420)	464796.27	3770266.81	8.99771	(12112420)
464821.27	3770266.81	9.17511	(12112420)	464846.27	3770266.81	9.21060	(12112420)
464871.27	3770266.81	9.30829	(15021421)	464896.27	3770266.81	9.60786	(15021421)
464921.27	3770266.81	9.76466	(15021421)	464946.27	3770266.81	9.79231	(15021421)
464971.27	3770266.81	9.98941	(15021421)	464996.27	3770266.81	10.06115	(15021421)
465021.27	3770266.81	10.01886	(15042922)	465046.27	3770266.81	10.22081	(15042922)
465071.27	3770266.81	10.46080	(15042922)	465096.27	3770266.81	10.59903	(15042922)
465121.27	3770266.81	10.70089	(16111320)	464696.27	3770291.81	8.52385	(12112420)
464721.27	3770291.81	8.63440	(12112420)	464746.27	3770291.81	8.73953	(12112420)
464771.27	3770291.81	8.80550	(13121802)	464796.27	3770291.81	8.91003	(15021421)

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       464821.27   3770291.81        9.27542  (15021421)               464846.27   3770291.81
9.35845  (15021421)
       464871.27   3770291.81        9.44402  (15021421)               464896.27   3770291.81
9.84556  (15021421)
       464921.27   3770291.81        9.92099  (15021421)               464946.27   3770291.81
9.83437  (15042922)
       464971.27   3770291.81       10.12328  (15042922)               464996.27   3770291.81
10.13545  (15042922)
       465021.27   3770291.81        9.97999  (15042922)               465046.27   3770291.81
10.09107  (15042922)
       465071.27   3770291.81       10.28598  (16111320)               465096.27   3770291.81
10.41499  (16111320)
       465121.27   3770291.81       10.37864  (12091601)               464696.27   3770316.81
8.47161  (13121802)
       464721.27   3770316.81        8.56922  (13121802)               464746.27   3770316.81
8.72212  (15021421)
       464771.27   3770316.81        8.82133  (15021421)               464796.27   3770316.81
8.96786  (15021421)
       464821.27   3770316.81        9.40507  (15021421)               464846.27   3770316.81
9.47486  (15021421)
       464871.27   3770316.81        9.52853  (15042922)               464896.27   3770316.81
10.01322  (15042922)
       464921.27   3770316.81       10.10824  (15042922)               464946.27   3770316.81
9.95240  (15042922)
       464971.27   3770316.81       10.19407  (15042922)               464996.27   3770316.81
10.09196  (16111320)
       465021.27   3770316.81        9.84282  (16111320)               465046.27   3770316.81
9.70750  (16111320)
       465071.27   3770316.81        9.67688  (12091601)               465096.27   3770316.81
9.81816  (12091601)
       465121.27   3770316.81        9.71198  (12091601)               464696.27   3770341.81
8.38461  (15021421)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***       01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***       15:16:13

               PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  TRUCK4   ***
                                INCLUDING SOURCE(S):     L0003540    , L0003541    , L0003542    ,
L0003543    , L0003544    ,
                L0003545    , L0003546    , L0003547    , L0003548    , L0003549    , L0003550    ,
L0003551    , L0003552    ,
                L0003553    , L0003554    , L0003555    , L0003556    , L0003557    , L0003558    ,
L0003559    , L0003560    ,
                L0003561    , L0003562    , L0003563    , L0003564    , L0003565    , L0003566    ,
L0003567    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
       464721.27   3770341.81        8.50381  (15021421)               464746.27   3770341.81
```

8.60849 (15021421)
464771.27 3770341.81 8.67030 (15021421) 464796.27 3770341.81
8.86502 (15021421)
464821.27 3770341.81 9.36978 (15042922) 464846.27 3770341.81
9.51839 (15042922)
464871.27 3770341.81 9.59884 (15042922) 464896.27 3770341.81
10.01884 (15042922)
464921.27 3770341.81 10.09197 (15042922) 464946.27 3770341.81
9.94297 (16111320)
464971.27 3770341.81 10.17825 (16111320) 464996.27 3770341.81
9.97733 (16111320)
465021.27 3770341.81 9.62580 (13031221) 465046.27 3770341.81
9.16119 (12091601)
465071.27 3770341.81 8.88878 (12091601) 465096.27 3770341.81
8.87316 (12091601)
465121.27 3770341.81 8.83279 (15072003) 464696.27 3770366.81
8.40427 (15021421)
464721.27 3770366.81 8.48449 (15021421) 464746.27 3770366.81
8.58068 (15042922)
464771.27 3770366.81 8.63621 (15042922) 464796.27 3770366.81
8.80291 (15042922)
464821.27 3770366.81 9.31235 (15042922) 464846.27 3770366.81
9.50787 (15042922)
464871.27 3770366.81 9.54982 (16111320) 464896.27 3770366.81
9.97311 (16111320)
464921.27 3770366.81 10.09963 (16111320) 464946.27 3770366.81
9.92299 (16111320)
464971.27 3770366.81 10.11175 (13031221) 464996.27 3770366.81
9.84472 (13031221)
465021.27 3770366.81 9.39579 (15102321) 464696.27 3770391.81
8.49320 (15042922)
464721.27 3770391.81 8.59522 (15042922) 464746.27 3770391.81
8.68577 (15042922)
464771.27 3770391.81 8.67377 (15042922) 464796.27 3770391.81
8.74960 (15042922)
464821.27 3770391.81 9.26087 (16111320) 464846.27 3770391.81
9.47485 (16111320)
464871.27 3770391.81 9.55371 (16111320) 464896.27 3770391.81
9.90217 (16111320)
464921.27 3770391.81 10.05224 (13031221) 464946.27 3770391.81
9.90215 (13031221)
464971.27 3770391.81 10.01233 (15102321) 464996.27 3770391.81
9.61302 (15102321)
465021.27 3770391.81 9.15228 (13100621) 464696.27 3770416.81
8.39840 (15042922)
464721.27 3770416.81 8.46914 (15042922) 464746.27 3770416.81
8.52190 (15042922)
464771.27 3770416.81 8.53824 (16111320) 464796.27 3770416.81
8.72528 (16111320)
464821.27 3770416.81 9.23725 (16111320) 464846.27 3770416.81
9.41279 (16111320)
464871.27 3770416.81 9.50375 (13031221) 464896.27 3770416.81
9.83813 (13031221)
464921.27 3770416.81 9.92870 (15102321) 464946.27 3770416.81
9.81289 (15102321)
464971.27 3770416.81 9.92081 (13100621) 464996.27 3770416.81
9.44566 (13100621)
465021.27 3770416.81 8.98192 (16091920) 464696.27 3770441.81
8.34981 (16111320)
464721.27 3770441.81 8.44289 (16111320) 464746.27 3770441.81
8.53269 (16111320)

8.72409 (13071202)
465921.27 3770466.81 8.73660 (12101719) 465946.27 3770466.81
8.38611 (12101719)
465971.27 3770466.81 7.58280 (16061921) 465996.27 3770466.81
7.16549 (16061921)
466021.27 3770466.81 6.89384 (13082921) 464696.27 3770491.81
8.35081 (13031221)
464721.27 3770491.81 8.43847 (13031221) 464746.27 3770491.81
8.53268 (13031221)
464771.27 3770491.81 8.52113 (15102321) 464796.27 3770491.81
8.65281 (15102321)
464821.27 3770491.81 9.01937 (13100621) 464846.27 3770491.81
9.06745 (13100621)
464871.27 3770491.81 9.03506 (13100621) 464896.27 3770491.81
9.26169 (16091920)
464921.27 3770491.81 9.31322 (16091920) 464946.27 3770491.81
9.25686 (16091920)
464971.27 3770491.81 9.40520 (16091920) 464996.27 3770491.81
9.05946 (15070102)
465021.27 3770491.81 8.72434 (15070102) 465871.27 3770491.81
8.54298 (12091320)
465896.27 3770491.81 8.41586 (12091320) 465921.27 3770491.81
8.29775 (12101719)
465946.27 3770491.81 8.09968 (12101719) 465971.27 3770491.81
7.50158 (12101719)
465996.27 3770491.81 7.25362 (16061921) 466021.27 3770491.81
6.88985 (16061921)
464696.27 3770516.81 8.29845 (13031221) 464721.27 3770516.81
8.35657 (13031221)
464746.27 3770516.81 8.43191 (15102321) 464771.27 3770516.81
8.43112 (15102321)
464796.27 3770516.81 8.58154 (13100621) 464821.27 3770516.81
8.87660 (13100621)
464846.27 3770516.81 8.85426 (16091920) 464871.27 3770516.81
8.88297 (16091920)
464896.27 3770516.81 9.11489 (16091920) 464921.27 3770516.81
9.09981 (16091920)
464946.27 3770516.81 8.99223 (16091920) 464971.27 3770516.81
9.16582 (15070102)
464996.27 3770516.81 8.90268 (15070102) 465021.27 3770516.81
8.57412 (15070102)
465871.27 3770516.81 8.20214 (11082620) 465896.27 3770516.81
8.03970 (12091320)
465921.27 3770516.81 7.80266 (13071202) 465946.27 3770516.81
7.66885 (12101719)
465971.27 3770516.81 7.32071 (12101719) 465996.27 3770516.81
7.15461 (11082520)
466021.27 3770516.81 6.84879 (16061921) 464696.27 3770541.81
8.37957 (15102321)
464721.27 3770541.81 8.39144 (15102321) 464746.27 3770541.81
8.45121 (13100621)
464771.27 3770541.81 8.42437 (13100621) 464796.27 3770541.81
8.49117 (15102622)
464821.27 3770541.81 8.79605 (16091920) 464846.27 3770541.81
8.75082 (16091920)
464871.27 3770541.81 8.70680 (16091920) 464896.27 3770541.81
8.85057 (16091920)
464921.27 3770541.81 8.82666 (15070102) 464946.27 3770541.81
8.76055 (15070102)
464971.27 3770541.81 8.86283 (15070102) 464996.27 3770541.81
8.65749 (16102323)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK4 ***

INCLUDING SOURCE(S): L0003540 , L0003541 , L0003542 , L0003543 , L0003544 ,
L0003545 , L0003546 , L0003547 , L0003548 , L0003549 , L0003550 , L0003551 , L0003552 ,
L0003553 , L0003554 , L0003555 , L0003556 , L0003557 , L0003558 , L0003559 , L0003560 ,
L0003561 , L0003562 , L0003563 , L0003564 , L0003565 , L0003566 , L0003567 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465946.27	3770541.81	7.17224	(12101719)	465971.27	3770541.81	7.00737	(12101719)
465996.27	3770541.81	6.93634	(12101719)	466021.27	3770541.81	6.65771	(11082520)
464696.27	3770566.81	8.32993	(13100621)	464721.27	3770566.81	8.31064	(13100621)
464746.27	3770566.81	8.32688	(13100621)	464771.27	3770566.81	8.33683	(16091920)
464796.27	3770566.81	8.47821	(16091920)	464821.27	3770566.81	8.71500	(16091920)
464846.27	3770566.81	8.57938	(16091920)	464871.27	3770566.81	8.46307	(16091920)
464896.27	3770566.81	8.55599	(15070102)	464921.27	3770566.81	8.53876	(15070102)
464946.27	3770566.81	8.45617	(15070102)	464971.27	3770566.81	8.51394	(16102323)
464996.27	3770566.81	8.45523	(16102323)	465021.27	3770566.81	8.29387	(16102323)
465871.27	3770566.81	8.08296	(11090520)	465896.27	3770566.81	7.97112	(11082620)
465921.27	3770566.81	7.52214	(12091320)	465946.27	3770566.81	6.89299	(13071202)
465971.27	3770566.81	6.72317	(12101719)	465996.27	3770566.81	6.65363	(12101719)
466021.27	3770566.81	6.41742	(11082520)	464696.27	3770591.81	8.19447	(13100621)
464721.27	3770591.81	8.17290	(16091920)	464746.27	3770591.81	8.25941	(16091920)
464771.27	3770591.81	8.30045	(16091920)	464796.27	3770591.81		

8.42078 (16091920)
        464821.27   3770591.81   8.57471 (16091920)   464846.27   3770591.81
8.42173 (15070102)
        464871.27   3770591.81   8.33443 (15070102)   464896.27   3770591.81
8.32058 (15070102)
        464921.27   3770591.81   8.26661 (15070102)   464946.27   3770591.81
8.27108 (16102323)
        464971.27   3770591.81   8.29756 (16102323)   464996.27   3770591.81
8.25028 (16102323)
        465021.27   3770591.81   8.22650 (13051221)   465871.27   3770591.81
7.92222 (11090520)
        465896.27   3770591.81   7.79002 (11082620)   465921.27   3770591.81
7.40927 (12091320)
        465946.27   3770591.81   6.89230 (12091320)   465971.27   3770591.81
6.61076 (12101719)
        465996.27   3770591.81   6.50841 (12101719)   466021.27   3770591.81
6.37033 (12101719)
        464696.27   3770616.81   8.27034 (16091920)   464721.27   3770616.81
8.29905 (16091920)
        464746.27   3770616.81   8.34912 (16091920)   464771.27   3770616.81
8.32263 (16091920)
        464796.27   3770616.81   8.34644 (15070102)   464821.27   3770616.81
8.50979 (15070102)
        464846.27   3770616.81   8.35077 (15070102)   464871.27   3770616.81
8.27522 (15070102)
        464896.27   3770616.81   8.25607 (16102323)   464921.27   3770616.81
8.26461 (16102323)
        464946.27   3770616.81   8.25109 (16102323)   464971.27   3770616.81
8.24532 (13051221)
        464996.27   3770616.81   8.27572 (13051221)   465021.27   3770616.81
8.19353 (13051221)
        465871.27   3770616.81   7.74093 (11090520)   465896.27   3770616.81
7.57964 (11090520)
        465921.27   3770616.81   7.28793 (12091320)   465946.27   3770616.81
6.96201 (12091320)
        465971.27   3770616.81   6.61874 (13071202)   465996.27   3770616.81
6.49355 (12101719)
        466021.27   3770616.81   6.43806 (12101719)   464696.27   3770641.81
8.41694 (16091920)
        464721.27   3770641.81   8.45809 (16091920)   464746.27   3770641.81
8.43627 (16091920)
        464771.27   3770641.81   8.35207 (15070102)   464796.27   3770641.81
8.29082 (15070102)
        464821.27   3770641.81   8.36387 (15070102)   464846.27   3770641.81
8.29495 (12051702)
        464871.27   3770641.81   8.27781 (16102323)   464896.27   3770641.81
8.27086 (16102323)
        464921.27   3770641.81   8.22723 (16102323)   464946.27   3770641.81
8.24005 (13051221)
        464971.27   3770641.81   8.27920 (13051221)   464996.27   3770641.81
8.23413 (13051221)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: TRUCK4   ***

INCLUDING SOURCE(S): L0003540 , L0003541 , L0003542 , L0003543 , L0003544 , L0003545 , L0003546 , L0003547 , L0003548 , L0003549 , L0003550 , L0003551 , L0003552 , L0003553 , L0003554 , L0003555 , L0003556 , L0003557 , L0003558 , L0003559 , L0003560 , L0003561 , L0003562 , L0003563 , L0003564 , L0003565 , L0003566 , L0003567 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465021.27	3770641.81	8.09370	(11103022)	464696.27	3770666.81	8.23320	(16091920)
464721.27	3770666.81	8.30502	(15070102)	464746.27	3770666.81	8.31048	(15070102)
464771.27	3770666.81	8.21880	(15070102)	464796.27	3770666.81	8.17583	(15070102)
464821.27	3770666.81	8.16246	(16102323)	464846.27	3770666.81	8.12463	(16102323)
464871.27	3770666.81	8.09522	(16102323)	464896.27	3770666.81	8.05093	(16102323)
464921.27	3770666.81	8.04174	(13051221)	464946.27	3770666.81	8.03968	(13051221)
464971.27	3770666.81	8.05782	(13051221)	464996.27	3770666.81	8.03620	(11103022)
465021.27	3770666.81	7.99391	(15090824)	464696.27	3770691.81	8.09006	(15070102)
464721.27	3770691.81	8.19195	(15070102)	464746.27	3770691.81	8.15199	(15070102)
464771.27	3770691.81	8.06619	(12051702)	464796.27	3770691.81	8.15842	(16102323)
464821.27	3770691.81	8.10053	(16102323)	464846.27	3770691.81	7.97948	(16102323)
464871.27	3770691.81	7.95785	(13051221)	464896.27	3770691.81	8.02230	(13051221)
464921.27	3770691.81	7.96125	(13051221)	464946.27	3770691.81	7.89280	(13051221)
464971.27	3770691.81	7.94976	(11103022)	464996.27	3770691.81	7.98475	(15090824)
465021.27	3770691.81	7.98611	(15090824)	464696.27	3770716.81	7.94808	(15070102)
464721.27	3770716.81	8.03657	(15070102)	464746.27	3770716.81	8.02848	(12051702)
464771.27	3770716.81	8.01375	(16102323)	464796.27	3770716.81	8.12794	(16102323)
464821.27	3770716.81	8.00711	(16102323)	464846.27	3770716.81	7.87196	(13051221)
464871.27	3770716.81	7.95583	(13051221)	464896.27	3770716.81	8.00182	(13051221)
464921.27	3770716.81	7.87268	(13051221)	464946.27	3770716.81	7.81215	(11103022)
464971.27	3770716.81	7.93460	(15090824)	464996.27	3770716.81	8.01357	(15090824)
465021.27	3770716.81	7.93850	(15090824)	464696.27	3770741.81		

7.74356 (12051702)
        464721.27   3770741.81   7.89955 (16102323)   464746.27   3770741.81
7.94498 (16102323)
        464771.27   3770741.81   7.90978 (16102323)   464796.27   3770741.81
7.98483 (16102323)
        464821.27   3770741.81   7.91301 (13051221)   464846.27   3770741.81
7.81588 (13051221)
        464871.27   3770741.81   7.86315 (13051221)   464896.27   3770741.81
7.88851 (11103022)
        464921.27   3770741.81   7.78510 (11103022)   464946.27   3770741.81
7.74752 (15090824)
        464971.27   3770741.81   7.92286 (15090824)   464996.27   3770741.81
7.94992 (15090824)
        465021.27   3770741.81   7.83129 (15090824)   464696.27   3770766.81
7.60703 (16102323)
        464721.27   3770766.81   7.76248 (16102323)   464746.27   3770766.81
7.81026 (16102323)
        464771.27   3770766.81   7.73973 (16102323)   464796.27   3770766.81
7.90582 (12091521)
        464821.27   3770766.81   7.82365 (13051221)   464846.27   3770766.81
7.69586 (13051221)
        464871.27   3770766.81   7.73449 (11103022)   464896.27   3770766.81
7.78370 (11103022)
        464921.27   3770766.81   7.69121 (15090824)   464946.27   3770766.81
7.70290 (15090824)
        464971.27   3770766.81   7.82822 (15090824)   464996.27   3770766.81
7.82693 (15090824)
        465021.27   3770766.81   7.70578 (12081301)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: YTRK   ***
                                  INCLUDING SOURCE(S):   L0003519   , L0003520   , L0003521   ,
L0003522   , L0003523   ,
                L0003524   , L0003525   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 - - -

5.55228 (15041518)
        466196.27   3769266.81   5.61043 (15041518)   465946.27   3769291.81
12.02016 (15013017)
        465971.27   3769291.81   12.04976 (15013017)   465996.27   3769291.81
11.70405 (15013017)
        466021.27   3769291.81   10.98845 (15013017)   466046.27   3769291.81
10.00523 (15013017)
        466071.27   3769291.81   8.85219 (15013017)   466096.27   3769291.81
7.62603 (15013017)
        466121.27   3769291.81   6.41050 (15013017)   466146.27   3769291.81
5.92011 (15041518)
        466171.27   3769291.81   5.98233 (15041518)   466196.27   3769291.81
5.95567 (15041518)
        465946.27   3769316.81   12.91318 (15013017)   465971.27   3769316.81
12.66883 (15013017)
        465996.27   3769316.81   12.00174 (15013017)   466021.27   3769316.81
10.99387 (15013017)
        466046.27   3769316.81   9.76890 (15013017)   466071.27   3769316.81
8.43816 (15013017)
        466096.27   3769316.81   7.09913 (15013017)   466121.27   3769316.81
6.32552 (15041518)
        466146.27   3769316.81   6.39412 (15041518)   466171.27   3769316.81
6.36110 (15041518)
        466196.27   3769316.81   6.23675 (15041518)   465946.27   3769341.81
13.71557 (15013017)
        465971.27   3769341.81   13.10392 (15013017)   465996.27   3769341.81
12.09859 (15013017)
        466021.27   3769341.81   10.80428 (15013017)   466046.27   3769341.81
9.36142 (15013017)
        466071.27   3769341.81   7.88690 (15013017)   466096.27   3769341.81
6.77852 (15041518)
        466121.27   3769341.81   6.84947 (15041518)   466146.27   3769341.81
6.81111 (15041518)
        466171.27   3769341.81   6.66810 (15041518)   466196.27   3769341.81
6.43641 (15041518)
        465946.27   3769366.81   14.34400 (15013017)   465971.27   3769366.81
13.33059 (15013017)
        465996.27   3769366.81   11.97590 (15013017)   466021.27   3769366.81
10.41392 (15013017)
        466046.27   3769366.81   8.78863 (15013017)   466071.27   3769366.81
7.28851 (15041518)
        466096.27   3769366.81   7.36286 (15041518)   466121.27   3769366.81
7.31154 (15041518)
        466146.27   3769366.81   7.14798 (15041518)   466171.27   3769366.81
6.88323 (15041518)
        466196.27   3769366.81   6.96622 (13102408)   464696.27   3770066.81
17.78792 (16092824)
        464721.27   3770066.81   18.45799 (13101821)   464746.27   3770066.81
19.33766 (13101821)
        464771.27   3770066.81   20.42900 (12091322)   464796.27   3770066.81
21.83284 (12091322)
        464821.27   3770066.81   23.63557 (12091322)   464846.27   3770066.81
25.03613 (12091322)
        464871.27   3770066.81   26.19296 (12091322)   464896.27   3770066.81
27.43993 (12091322)
        464921.27   3770066.81   28.94963 (12091322)   464946.27   3770066.81
29.98936 (12091322)
        464971.27   3770066.81   29.80012 (12070903)   464996.27   3770066.81
30.59064 (15031421)
        465021.27   3770066.81   31.53765 (15031421)   464696.27   3770091.81
18.49026 (12091322)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YTRK ***

INCLUDING SOURCE(S): L0003519 , L0003520 , L0003521 , L0003522 , L0003523 , L0003524 , L0003525 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464721.27	3770091.81	19.13194	(12091322)	464746.27	3770091.81	19.88555	(12091322)
464771.27	3770091.81	20.80635	(12091322)	464796.27	3770091.81	22.08870	(12091322)
464821.27	3770091.81	23.85891	(12091322)	464846.27	3770091.81	25.23896	(12091322)
464871.27	3770091.81	26.50980	(12070903)	464896.27	3770091.81	27.89103	(12070903)
464921.27	3770091.81	29.47351	(12112420)	464946.27	3770091.81	30.88666	(12112420)
464971.27	3770091.81	31.05321	(12112420)	464996.27	3770091.81	31.25218	(12093021)
465021.27	3770091.81	32.01811	(12093021)	464696.27	3770116.81	18.87543	(12091322)
464721.27	3770116.81	19.41372	(12091322)	464746.27	3770116.81	20.01396	(12070903)
464771.27	3770116.81	20.88033	(12070903)	464796.27	3770116.81	22.00302	(12070903)
464821.27	3770116.81	23.75252	(12112420)	464846.27	3770116.81	25.27119	(12112420)
464871.27	3770116.81	26.57000	(12112420)	464896.27	3770116.81	27.83478	(12112420)
464921.27	3770116.81	29.04836	(12112420)	464946.27	3770116.81	30.46559	(15021421)
464971.27	3770116.81	31.36461	(15021421)	464996.27	3770116.81	31.36165	(15021421)
465021.27	3770116.81	31.97011	(12092322)	465046.27	3770116.81	33.28687	(12092322)
465071.27	3770116.81	34.84393	(12092322)	464696.27	3770141.81	19.25839	(12070903)
464721.27	3770141.81	19.94339	(12112420)	464746.27	3770141.81	20.67814	(12112420)
464771.27	3770141.81	21.50889	(12112420)	464796.27	3770141.81	22.39933	(12112420)
464821.27	3770141.81	23.67607	(12112420)	464846.27	3770141.81	24.93013	(15021421)
464871.27	3770141.81	26.31946	(15021421)	464896.27	3770141.81	27.69718	(15021421)

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       464921.27   3770141.81       28.99330  (15021421)               464946.27   3770141.81
30.33704  (15042922)
       464971.27   3770141.81       31.44488  (15042922)               464996.27   3770141.81
31.63825  (15042922)
       465021.27   3770141.81       31.66524  (16111320)               465046.27   3770141.81
33.18206  (12091601)
       465071.27   3770141.81       35.34945  (12091601)               464696.27   3770166.81
19.76704  (12112420)
       464721.27   3770166.81       20.39193  (12112420)               464746.27   3770166.81
21.05233  (12112420)
       464771.27   3770166.81       21.82751  (15021421)               464796.27   3770166.81
22.71994  (15021421)
       464821.27   3770166.81       23.78519  (15021421)               464846.27   3770166.81
24.92473  (15021421)
       464871.27   3770166.81       26.14801  (15042922)               464896.27   3770166.81
27.47808  (15042922)
       464921.27   3770166.81       28.72683  (15042922)               464946.27   3770166.81
29.87291  (16111320)
       464971.27   3770166.81       30.98785  (16111320)               464996.27   3770166.81
31.47492  (13031221)
       465021.27   3770166.81       32.02264  (13031221)               465046.27   3770166.81
33.27610  (15102321)
       465071.27   3770166.81       35.00469  (13100621)               464696.27   3770191.81
20.12082  (15021421)
       464721.27   3770191.81       20.93015  (15021421)               464746.27   3770191.81
21.72472  (15021421)
       464771.27   3770191.81       22.47684  (15021421)               464796.27   3770191.81
23.20424  (15042922)
       464821.27   3770191.81       24.06293  (15042922)               464846.27   3770191.81
24.99977  (15042922)
       464871.27   3770191.81       26.03520  (15042922)               464896.27   3770191.81
27.27975  (16111320)
       464921.27   3770191.81       28.46592  (16111320)               464946.27   3770191.81
29.71484  (13031221)
       464971.27   3770191.81       30.83332  (13031221)               464996.27   3770191.81
31.61255  (15102321)
       465021.27   3770191.81       32.33848  (13100621)               465046.27   3770191.81
33.63389  (16091920)
       465071.27   3770191.81       35.48754  (16091920)               465096.27   3770191.81
37.37755  (16091920)
       465121.27   3770191.81       39.69413  (15070102)               464696.27   3770216.81
20.84614  (15021421)
       464721.27   3770216.81       21.55059  (15042922)               464746.27   3770216.81
22.35950  (15042922)
       464771.27   3770216.81       23.11372  (15042922)               464796.27   3770216.81
23.77969  (15042922)
       464821.27   3770216.81       24.49135  (16111320)               464846.27   3770216.81
25.36282  (16111320)
       464871.27   3770216.81       26.38245  (16111320)               464896.27   3770216.81
27.60918  (13031221)
       464921.27   3770216.81       28.79154  (13031221)               464946.27   3770216.81
30.04007  (15102321)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
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GROUP: YTRK ***

INCLUDING SOURCE(S): L0003519 , L0003520 , L0003521 , L0003522 , L0003523 , L0003524 , L0003525 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464971.27	3770216.81	31.15183	(13100621)	464996.27	3770216.81	31.99638	(16091920)
465021.27	3770216.81	32.98786	(16091920)	465046.27	3770216.81	34.27371	(16091920)
465071.27	3770216.81	36.02397	(15070102)	465096.27	3770216.81	37.83536	(15070102)
465121.27	3770216.81	39.77016	(16102323)	464696.27	3770241.81	21.28925	(15042922)
464721.27	3770241.81	22.09217	(15042922)	464746.27	3770241.81	22.74977	(16111320)
464771.27	3770241.81	23.61642	(16111320)	464796.27	3770241.81	24.35527	(16111320)
464821.27	3770241.81	25.07061	(13031221)	464846.27	3770241.81	25.89209	(13031221)
464871.27	3770241.81	26.90846	(15102321)	464896.27	3770241.81	27.93940	(13100621)
464921.27	3770241.81	29.09004	(13100621)	464946.27	3770241.81	30.07907	(16091920)
464971.27	3770241.81	31.51415	(16091920)	464996.27	3770241.81	32.71569	(16091920)
465021.27	3770241.81	33.27489	(15070102)	465046.27	3770241.81	34.52937	(15070102)
465071.27	3770241.81	36.09011	(16102323)	465096.27	3770241.81	38.18040	(16102323)
465121.27	3770241.81	40.08215	(13051221)	464696.27	3770266.81	21.17111	(16111320)
464721.27	3770266.81	21.91429	(16111320)	464746.27	3770266.81	22.56919	(16111320)
464771.27	3770266.81	23.32805	(13031221)	464796.27	3770266.81	24.15380	(13031221)
464821.27	3770266.81	25.10349	(15102321)	464846.27	3770266.81	25.81079	(13100621)
464871.27	3770266.81	26.68827	(13100621)	464896.27	3770266.81	27.78935	(16091920)
464921.27	3770266.81	29.11116	(16091920)	464946.27	3770266.81	30.00388	(16091920)
464971.27	3770266.81	31.13597	(15070102)	464996.27	3770266.81	32.30541	(15070102)
465021.27	3770266.81	32.78767	(15070102)	465046.27	3770266.81	34.29613	(16102323)
465071.27	3770266.81	35.83192	(16102323)	465096.27	3770266.81	37.55834	(13051221)
465121.27	3770266.81	38.92442	(13051221)	464696.27	3770291.81	21.20534	(16111320)
464721.27	3770291.81	21.95683	(13031221)	464746.27	3770291.81	22.67166	(13031221)
464771.27	3770291.81	23.32299	(15102321)	464796.27	3770291.81		

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: YTRK   ***
                                  INCLUDING SOURCE(S):   L0003519   , L0003520   , L0003521   ,
L0003522   , L0003523   ,
                 L0003524   , L0003525   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - -
       464721.27   3770341.81   21.65135 (13100621)   464746.27   3770341.81
22.16497 (15102622)
       464771.27   3770341.81   22.88911 (16091920)   464796.27   3770341.81
23.96689 (16091920)
       464821.27   3770341.81   25.55612 (16091920)   464846.27   3770341.81

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26.29994  (15070102)
        464871.27   3770341.81       27.10512  (15070102)              464896.27   3770341.81
28.56433  (15070102)
        464921.27   3770341.81       29.42895  (16102323)              464946.27   3770341.81
29.78501  (16102323)
        464971.27   3770341.81       30.81951  (16102323)              464996.27   3770341.81
31.32171  (13051221)
        465021.27   3770341.81       31.14411  (13051221)              465046.27   3770341.81
30.54940  (11103022)
        465071.27   3770341.81       30.59258  (15090824)              465096.27   3770341.81
31.47115  (15090824)
        465121.27   3770341.81       31.94682  (15090824)              464696.27   3770366.81
20.95130  (15102622)
        464721.27   3770366.81       21.62752  (16091920)              464746.27   3770366.81
22.39334  (16091920)
        464771.27   3770366.81       22.91549  (16091920)              464796.27   3770366.81
23.58303  (16091920)
        464821.27   3770366.81       25.32957  (15070102)              464846.27   3770366.81
26.26853  (15070102)
        464871.27   3770366.81       26.78781  (12051702)              464896.27   3770366.81
28.49703  (16102323)
        464921.27   3770366.81       29.36894  (16102323)              464946.27   3770366.81
29.46849  (13051221)
        464971.27   3770366.81       30.80011  (13051221)              464996.27   3770366.81
30.73045  (11103022)
        465021.27   3770366.81       30.33167  (11103022)              464696.27   3770391.81
21.37044  (16091920)
        464721.27   3770391.81       21.98157  (16091920)              464746.27   3770391.81
22.48067  (16091920)
        464771.27   3770391.81       22.92121  (15070102)              464796.27   3770391.81
23.57189  (15070102)
        464821.27   3770391.81       25.03541  (15070102)              464846.27   3770391.81
26.06248  (16102323)
        464871.27   3770391.81       26.87256  (16102323)              464896.27   3770391.81
28.17108  (16102323)
        464921.27   3770391.81       29.16235  (13051221)              464946.27   3770391.81
29.45019  (13051221)
        464971.27   3770391.81       30.43097  (11103022)              464996.27   3770391.81
29.98294  (11103022)
        465021.27   3770391.81       30.05747  (15090824)              464696.27   3770416.81
21.12839  (16091920)
        464721.27   3770416.81       21.65134  (15070102)              464746.27   3770416.81
22.25626  (15070102)
        464771.27   3770416.81       22.55437  (15070102)              464796.27   3770416.81
23.27892  (12051702)
        464821.27   3770416.81       25.08152  (16102323)              464846.27   3770416.81
26.02059  (16102323)
        464871.27   3770416.81       26.41776  (13051221)              464896.27   3770416.81
28.03921  (13051221)
        464921.27   3770416.81       28.81270  (13051221)              464946.27   3770416.81
29.23028  (11103022)
        464971.27   3770416.81       30.10829  (15090824)              464996.27   3770416.81
30.03361  (15090824)
        465021.27   3770416.81       29.50333  (15090824)              464696.27   3770441.81
21.14278  (15070102)
        464721.27   3770441.81       21.61294  (15070102)              464746.27   3770441.81
21.99388  (12051702)
        464771.27   3770441.81       22.47346  (16102323)              464796.27   3770441.81
23.35548  (16102323)
        464821.27   3770441.81       24.82791  (16102323)              464846.27   3770441.81
25.69164  (13051221)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YTRK ***
INCLUDING SOURCE(S): L0003519 , L0003520 , L0003521 , L0003522 , L0003523 , L0003524 , L0003525 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464696.27	3770466.81	21.23455	(15070102)	464721.27	3770466.81	21.69305	(12051702)
464746.27	3770466.81	22.39197	(16102323)	464771.27	3770466.81	22.69324	(16102323)
464796.27	3770466.81	23.06945	(16102323)	464821.27	3770466.81	24.67969	(13051221)
464846.27	3770466.81	25.51786	(13051221)	464871.27	3770466.81	26.03533	(11103022)
464896.27	3770466.81	27.22264	(11103022)	464921.27	3770466.81	27.92616	(15090824)
464946.27	3770466.81	28.63365	(15090824)	464971.27	3770466.81	29.59992	(15090824)
464996.27	3770466.81	28.74008	(12081301)	465021.27	3770466.81	28.00357	(13031223)
465871.27	3770466.81	32.76395	(13062921)	465896.27	3770466.81	31.98150	(13062921)
465921.27	3770466.81	31.02800	(12080721)	465946.27	3770466.81	29.23640	(13082921)
465971.27	3770466.81	26.07299	(15062822)	465996.27	3770466.81	24.30240	(16062021)
466021.27	3770466.81	23.12538	(15102419)	464696.27	3770491.81	21.06138	(16102323)
464721.27	3770491.81	21.62110	(16102323)	464746.27	3770491.81	22.07882	(16102323)

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        464771.27   3770491.81       22.30164  (13051221)              464796.27   3770491.81
23.18369  (13051221)
        464821.27   3770491.81       24.49974  (13051221)              464846.27   3770491.81
25.15459  (11103022)
        464871.27   3770491.81       25.56789  (11103022)              464896.27   3770491.81
26.83539  (15090824)
        464921.27   3770491.81       27.64977  (15090824)              464946.27   3770491.81
27.87119  (15090824)
        464971.27   3770491.81       28.58330  (12081301)              464996.27   3770491.81
28.06203  (13031223)
        465021.27   3770491.81       27.82102  (15090204)              465871.27   3770491.81
31.12098  (16062724)
        465896.27   3770491.81       30.82344  (13062921)              465921.27   3770491.81
29.69564  (13062921)
        465946.27   3770491.81       28.36818  (12080721)              465971.27   3770491.81
26.16470  (13082921)
        465996.27   3770491.81       24.69231  (15062822)              466021.27   3770491.81
23.13257  (12081623)
        464696.27   3770516.81       20.94457  (16102323)              464721.27   3770516.81
21.25754  (16102323)
        464746.27   3770516.81       21.81089  (13051221)              464771.27   3770516.81
22.31305  (13051221)
        464796.27   3770516.81       22.95950  (13051221)              464821.27   3770516.81
24.31678  (11103022)
        464846.27   3770516.81       24.65698  (11103022)              464871.27   3770516.81
25.33554  (15090824)
        464896.27   3770516.81       26.56867  (15090824)              464921.27   3770516.81
26.88099  (15090824)
        464946.27   3770516.81       26.90298  (12081301)              464971.27   3770516.81
27.76820  (13031223)
        464996.27   3770516.81       27.71403  (15090204)              465021.27   3770516.81
27.49560  (15060920)
        465871.27   3770516.81       29.98421  (11070304)              465896.27   3770516.81
29.15972  (13062921)
        465921.27   3770516.81       28.36697  (13062921)              465946.27   3770516.81
26.92229  (12080721)
        465971.27   3770516.81       25.55162  (13082921)              465996.27   3770516.81
24.67089  (12091920)
        466021.27   3770516.81       23.07150  (15062822)              464696.27   3770541.81
20.89563  (15032304)
        464721.27   3770541.81       21.47627  (13051221)              464746.27   3770541.81
22.00412  (13051221)
        464771.27   3770541.81       22.29346  (11103022)              464796.27   3770541.81
23.01957  (11103022)
        464821.27   3770541.81       23.96111  (11103022)              464846.27   3770541.81
24.54849  (15090824)
        464871.27   3770541.81       25.00658  (15090824)              464896.27   3770541.81
25.72271  (15090824)
        464921.27   3770541.81       25.91148  (12081301)              464946.27   3770541.81
26.10628  (13031223)
        464971.27   3770541.81       27.08933  (15090204)              464996.27   3770541.81
27.20459  (15060920)
        465021.27   3770541.81       27.00140  (11070903)              465871.27   3770541.81
29.96053  (11070304)
        465896.27   3770541.81       28.91458  (11082520)              465921.27   3770541.81
27.56349  (13062921)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YTRK ***

INCLUDING SOURCE(S): L0003519 , L0003520 , L0003521 , L0003522 , L0003523 , L0003524 , L0003525 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465946.27	3770541.81	25.62390	(13062921)	465971.27	3770541.81	24.51325	(12080721)
465996.27	3770541.81	24.05347	(13082921)	466021.27	3770541.81	22.76901	(15062822)
464696.27	3770566.81	21.06196	(13051221)	464721.27	3770566.81	21.34793	(13051221)
464746.27	3770566.81	21.84271	(11103022)	464771.27	3770566.81	22.23754	(11103022)
464796.27	3770566.81	22.73107	(15090824)	464821.27	3770566.81	24.07426	(15090824)
464846.27	3770566.81	24.26663	(15090824)	464871.27	3770566.81	24.26046	(15090824)
464896.27	3770566.81	24.68510	(12081301)	464921.27	3770566.81	25.04180	(13031223)
464946.27	3770566.81	25.46249	(15090204)	464971.27	3770566.81	26.19817	(15060920)
464996.27	3770566.81	26.38878	(11070903)	465021.27	3770566.81	26.59435	(11070903)
465871.27	3770566.81	29.60458	(12101719)	465896.27	3770566.81	28.74162	(11070304)
465921.27	3770566.81	26.77252	(13062921)	465946.27	3770566.81	24.92355	(13062921)
465971.27	3770566.81	23.56321	(13062921)	465996.27	3770566.81	23.11316	(12080721)
466021.27	3770566.81	22.21063	(13082921)	464696.27	3770591.81	20.79299	(13051221)
464721.27	3770591.81	21.21342	(11103022)	464746.27	3770591.81	21.64317	(11103022)
464771.27	3770591.81	21.98832	(15090824)	464796.27	3770591.81	22.98810	(15090824)
464821.27	3770591.81	23.91984	(15090824)	464846.27	3770591.81	23.72197	(12081301)
464871.27	3770591.81	23.66801	(11072003)	464896.27	3770591.81	24.05071	(13031223)
464921.27	3770591.81	24.53510	(15090204)	464946.27	3770591.81	24.98325	(15060920)
464971.27	3770591.81	25.42337	(15060920)	464996.27	3770591.81	25.97261	(11070903)
465021.27	3770591.81	25.95243	(11070903)	465871.27	3770591.81	29.16653	(12101719)
465896.27	3770591.81	28.05998	(11070304)	465921.27	3770591.81	26.07919	(11082520)
465946.27	3770591.81	24.59039	(13062921)	465971.27	3770591.81		

23.42509 (13062921)
        465996.27   3770591.81   22.50545 (12080721)   466021.27   3770591.81
21.93052 (12080721)
        464696.27   3770616.81   21.12514 (11103022)   464721.27   3770616.81
21.38769 (11103022)
        464746.27   3770616.81   21.84903 (15090824)   464771.27   3770616.81
22.46079 (15090824)
        464796.27   3770616.81   22.98284 (15090824)   464821.27   3770616.81
23.57677 (12081301)
        464846.27   3770616.81   23.36953 (11072003)   464871.27   3770616.81
23.60536 (13031223)
        464896.27   3770616.81   24.05954 (15090204)   464921.27   3770616.81
24.48300 (15060920)
        464946.27   3770616.81   24.86402 (15060920)   464971.27   3770616.81
25.43372 (11070903)
        464996.27   3770616.81   25.65130 (11070903)   465021.27   3770616.81
25.93043 (13051321)
        465871.27   3770616.81   28.48975 (12101719)   465896.27   3770616.81
27.29812 (12101719)
        465921.27   3770616.81   25.85505 (11070304)   465946.27   3770616.81
24.35119 (16062724)
        465971.27   3770616.81   23.51888 (13062921)   465996.27   3770616.81
22.55393 (13062921)
        466021.27   3770616.81   21.96865 (12080721)   464696.27   3770641.81
21.61749 (16110520)
        464721.27   3770641.81   22.10869 (15061824)   464746.27   3770641.81
22.55022 (15090824)
        464771.27   3770641.81   22.63929 (15090824)   464796.27   3770641.81
22.66708 (12081301)
        464821.27   3770641.81   23.12161 (11072003)   464846.27   3770641.81
23.37933 (13031223)
        464871.27   3770641.81   23.68803 (15090204)   464896.27   3770641.81
24.07606 (15090204)
        464921.27   3770641.81   24.41745 (15060920)   464946.27   3770641.81
24.92005 (11070903)
        464971.27   3770641.81   25.24828 (11070903)   464996.27   3770641.81
25.50558 (13051321)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: YTRK   ***
                                  INCLUDING SOURCE(S):   L0003519   , L0003520   , L0003521   ,
L0003522   , L0003523   ,
                L0003524   , L0003525   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 - - -

21.43565 (15061824)
        464721.27   3770666.81   21.92202 (15090824)   464746.27   3770666.81
22.22311 (15090824)
        464771.27   3770666.81   22.19884 (12081301)   464796.27   3770666.81
22.55309 (15081422)
        464821.27   3770666.81   22.81406 (15081422)   464846.27   3770666.81
22.88880 (15090204)
        464871.27   3770666.81   23.23764 (15090204)   464896.27   3770666.81
23.57792 (15060920)
        464921.27   3770666.81   23.89605 (11070903)   464946.27   3770666.81
24.17282 (11070903)
        464971.27   3770666.81   24.46811 (13051321)   464996.27   3770666.81
25.05615 (13051321)
        465021.27   3770666.81   25.10815 (16022306)   464696.27   3770691.81
21.12272 (15061824)
        464721.27   3770691.81   21.91670 (12090901)   464746.27   3770691.81
22.07644 (15081422)
        464771.27   3770691.81   22.37711 (15081422)   464796.27   3770691.81
23.00561 (15081422)
        464821.27   3770691.81   22.61695 (15081422)   464846.27   3770691.81
22.60869 (15090204)
        464871.27   3770691.81   23.00037 (15060920)   464896.27   3770691.81
23.41561 (11070903)
        464921.27   3770691.81   23.59181 (11070903)   464946.27   3770691.81
23.49677 (13051321)
        464971.27   3770691.81   24.34778 (13051321)   464996.27   3770691.81
24.64201 (16022306)
        465021.27   3770691.81   24.97258 (16061822)   464696.27   3770716.81
21.06606 (12090901)
        464721.27   3770716.81   21.91389 (15081422)   464746.27   3770716.81
22.44100 (15081422)
        464771.27   3770716.81   22.50725 (15081422)   464796.27   3770716.81
23.05159 (15081422)
        464821.27   3770716.81   22.48434 (16102921)   464846.27   3770716.81
22.40173 (15060920)
        464871.27   3770716.81   22.83557 (11070903)   464896.27   3770716.81
23.38531 (11070903)
        464921.27   3770716.81   23.14517 (11070903)   464946.27   3770716.81
23.51152 (13051321)
        464971.27   3770716.81   24.12776 (13051321)   464996.27   3770716.81
24.49234 (16061822)
        465021.27   3770716.81   24.76132 (16061822)   464696.27   3770741.81
20.81033 (15081422)
        464721.27   3770741.81   22.00944 (15081422)   464746.27   3770741.81
22.40533 (15081422)
        464771.27   3770741.81   22.23974 (15081422)   464796.27   3770741.81
22.73480 (16102921)
        464821.27   3770741.81   22.57726 (16102921)   464846.27   3770741.81
22.16757 (16072803)
        464871.27   3770741.81   22.68252 (11070903)   464896.27   3770741.81
22.92809 (11070903)
        464921.27   3770741.81   23.00872 (13051321)   464946.27   3770741.81
23.24509 (13051321)
        464971.27   3770741.81   23.78050 (13012218)   464996.27   3770741.81
24.37063 (16061822)
        465021.27   3770741.81   24.29697 (12081122)   464696.27   3770766.81
20.76533 (15081422)
        464721.27   3770766.81   21.73397 (15081422)   464746.27   3770766.81
22.04543 (15081422)
        464771.27   3770766.81   21.76999 (16102921)   464796.27   3770766.81
22.71472 (16102921)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LIFT ***
INCLUDING SOURCE(S): L0003533 , L0003534 , L0003535 , L0003536 , L0003537 , L0003538 , L0003539 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465946.27	3769266.81	11.06103	(15013017)	465971.27	3769266.81	11.32415	(15013017)
465996.27	3769266.81	11.24451	(15013017)	466021.27	3769266.81	10.80944	(15013017)
466046.27	3769266.81	10.07317	(15013017)	466071.27	3769266.81	9.11928	(15013017)
466096.27	3769266.81	8.03717	(15013017)	466121.27	3769266.81	6.90973	(15013017)
466146.27	3769266.81	5.80364	(15013017)	466171.27	3769266.81	5.55228	(15041518)
466196.27	3769266.81	5.61043	(15041518)	465946.27	3769291.81	12.02016	(15013017)
465971.27	3769291.81	12.04976	(15013017)	465996.27	3769291.81	11.70405	(15013017)
466021.27	3769291.81	10.98845	(15013017)	466046.27	3769291.81	10.00523	(15013017)
466071.27	3769291.81	8.85219	(15013017)	466096.27	3769291.81	7.62603	(15013017)
466121.27	3769291.81	6.41050	(15013017)	466146.27	3769291.81	5.92011	(15041518)
466171.27	3769291.81	5.98233	(15041518)	466196.27	3769291.81	5.95567	(15041518)
465946.27	3769316.81	12.91318	(15013017)	465971.27	3769316.81	12.66883	(15013017)
465996.27	3769316.81	12.00174	(15013017)	466021.27	3769316.81	10.99387	(15013017)
466046.27	3769316.81	9.76890	(15013017)	466071.27	3769316.81	8.43816	(15013017)

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        466096.27   3769316.81        7.09913  (15013017)               466121.27   3769316.81
6.32552  (15041518)
        466146.27   3769316.81        6.39412  (15041518)               466171.27   3769316.81
6.36110  (15041518)
        466196.27   3769316.81        6.23675  (15041518)               465946.27   3769341.81
13.71557  (15013017)
        465971.27   3769341.81       13.10392  (15013017)               465996.27   3769341.81
12.09859  (15013017)
        466021.27   3769341.81       10.80428  (15013017)               466046.27   3769341.81
9.36142  (15013017)
        466071.27   3769341.81        7.88690  (15013017)               466096.27   3769341.81
6.77852  (15041518)
        466121.27   3769341.81        6.84947  (15041518)               466146.27   3769341.81
6.81111  (15041518)
        466171.27   3769341.81        6.66810  (15041518)               466196.27   3769341.81
6.43641  (15041518)
        465946.27   3769366.81       14.34400  (15013017)               465971.27   3769366.81
13.33059  (15013017)
        465996.27   3769366.81       11.97590  (15013017)               466021.27   3769366.81
10.41392  (15013017)
        466046.27   3769366.81        8.78863  (15013017)               466071.27   3769366.81
7.28851  (15041518)
        466096.27   3769366.81        7.36286  (15041518)               466121.27   3769366.81
7.31154  (15041518)
        466146.27   3769366.81        7.14798  (15041518)               466171.27   3769366.81
6.88323  (15041518)
        466196.27   3769366.81        6.96622  (13102408)               464696.27   3770066.81
17.78792  (16092824)
        464721.27   3770066.81       18.45799  (13101821)               464746.27   3770066.81
19.33766  (13101821)
        464771.27   3770066.81       20.42900  (12091322)               464796.27   3770066.81
21.83284  (12091322)
        464821.27   3770066.81       23.63557  (12091322)               464846.27   3770066.81
25.03613  (12091322)
        464871.27   3770066.81       26.19296  (12091322)               464896.27   3770066.81
27.43993  (12091322)
        464921.27   3770066.81       28.94963  (12091322)               464946.27   3770066.81
29.98936  (12091322)
        464971.27   3770066.81       29.80012  (12070903)               464996.27   3770066.81
30.59064  (15031421)
        465021.27   3770066.81       31.53765  (15031421)               464696.27   3770091.81
18.49026  (12091322)
        464721.27   3770091.81       19.13194  (12091322)               464746.27   3770091.81
19.88555  (12091322)
        464771.27   3770091.81       20.80635  (12091322)               464796.27   3770091.81
22.08870  (12091322)
        464821.27   3770091.81       23.85891  (12091322)               464846.27   3770091.81
25.23896  (12091322)
        464871.27   3770091.81       26.50980  (12070903)               464896.27   3770091.81
27.89103  (12070903)
        464921.27   3770091.81       29.47351  (12112420)               464946.27   3770091.81
30.88666  (12112420)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE 149
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
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GROUP: LIFT   ***
                                INCLUDING SOURCE(S):   L0003533   , L0003534   , L0003535   ,
L0003536   , L0003537   ,
                L0003538   , L0003539   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - - -
        464971.27   3770091.81   31.05321 (12112420)   464996.27   3770091.81
31.25218 (12093021)
        465021.27   3770091.81   32.01811 (12093021)   464696.27   3770116.81
18.87543 (12091322)
        464721.27   3770116.81   19.41372 (12091322)   464746.27   3770116.81
20.01396 (12070903)
        464771.27   3770116.81   20.88033 (12070903)   464796.27   3770116.81
22.00302 (12070903)
        464821.27   3770116.81   23.75252 (12112420)   464846.27   3770116.81
25.27119 (12112420)
        464871.27   3770116.81   26.57000 (12112420)   464896.27   3770116.81
27.83478 (12112420)
        464921.27   3770116.81   29.04836 (12112420)   464946.27   3770116.81
30.46559 (15021421)
        464971.27   3770116.81   31.36461 (15021421)   464996.27   3770116.81
31.36165 (15021421)
        465021.27   3770116.81   31.97011 (12092322)   465046.27   3770116.81
33.28687 (12092322)
        465071.27   3770116.81   34.84393 (12092322)   464696.27   3770141.81
19.25839 (12070903)
        464721.27   3770141.81   19.94339 (12112420)   464746.27   3770141.81
20.67814 (12112420)
        464771.27   3770141.81   21.50889 (12112420)   464796.27   3770141.81
22.39933 (12112420)
        464821.27   3770141.81   23.67607 (12112420)   464846.27   3770141.81
24.93013 (15021421)
        464871.27   3770141.81   26.31946 (15021421)   464896.27   3770141.81
27.69718 (15021421)
        464921.27   3770141.81   28.99330 (15021421)   464946.27   3770141.81
30.33704 (15042922)
        464971.27   3770141.81   31.44488 (15042922)   464996.27   3770141.81
31.63825 (15042922)
        465021.27   3770141.81   31.66524 (16111320)   465046.27   3770141.81
33.18206 (12091601)
        465071.27   3770141.81   35.34945 (12091601)   464696.27   3770166.81
19.76704 (12112420)
        464721.27   3770166.81   20.39193 (12112420)   464746.27   3770166.81
21.05233 (12112420)
        464771.27   3770166.81   21.82751 (15021421)   464796.27   3770166.81
22.71994 (15021421)
        464821.27   3770166.81   23.78519 (15021421)   464846.27   3770166.81
24.92473 (15021421)
        464871.27   3770166.81   26.14801 (15042922)   464896.27   3770166.81
27.47808 (15042922)
        464921.27   3770166.81   28.72683 (15042922)   464946.27   3770166.81
29.87291 (16111320)
        464971.27   3770166.81   30.98785 (16111320)   464996.27   3770166.81

31.47492 (13031221)
        465021.27   3770166.81   32.02264 (13031221)   465046.27   3770166.81
33.27610 (15102321)
        465071.27   3770166.81   35.00469 (13100621)   464696.27   3770191.81
20.12082 (15021421)
        464721.27   3770191.81   20.93015 (15021421)   464746.27   3770191.81
21.72472 (15021421)
        464771.27   3770191.81   22.47684 (15021421)   464796.27   3770191.81
23.20424 (15042922)
        464821.27   3770191.81   24.06293 (15042922)   464846.27   3770191.81
24.99977 (15042922)
        464871.27   3770191.81   26.03520 (15042922)   464896.27   3770191.81
27.27975 (16111320)
        464921.27   3770191.81   28.46592 (16111320)   464946.27   3770191.81
29.71484 (13031221)
        464971.27   3770191.81   30.83332 (13031221)   464996.27   3770191.81
31.61255 (15102321)
        465021.27   3770191.81   32.33848 (13100621)   465046.27   3770191.81
33.63389 (16091920)
        465071.27   3770191.81   35.48754 (16091920)   465096.27   3770191.81
37.37755 (16091920)
        465121.27   3770191.81   39.69413 (15070102)   464696.27   3770216.81
20.84614 (15021421)
        464721.27   3770216.81   21.55059 (15042922)   464746.27   3770216.81
22.35950 (15042922)
        464771.27   3770216.81   23.11372 (15042922)   464796.27   3770216.81
23.77969 (15042922)
        464821.27   3770216.81   24.49135 (16111320)   464846.27   3770216.81
25.36282 (16111320)
        464871.27   3770216.81   26.38245 (16111320)   464896.27   3770216.81
27.60918 (13031221)
        464921.27   3770216.81   28.79154 (13031221)   464946.27   3770216.81
30.04007 (15102321)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: LIFT   ***
                                  INCLUDING SOURCE(S):   L0003533   , L0003534   , L0003535   ,
L0003536   , L0003537   ,
                 L0003538   , L0003539   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - -
        464971.27   3770216.81   31.15183 (13100621)   464996.27   3770216.81
31.99638 (16091920)
        465021.27   3770216.81   32.98786 (16091920)   465046.27   3770216.81
34.27371 (16091920)
        465071.27   3770216.81   36.02397 (15070102)   465096.27   3770216.81

37.83536 (15070102)
        465121.27   3770216.81   39.77016 (16102323)   464696.27   3770241.81
21.28925 (15042922)
        464721.27   3770241.81   22.09217 (15042922)   464746.27   3770241.81
22.74977 (16111320)
        464771.27   3770241.81   23.61642 (16111320)   464796.27   3770241.81
24.35527 (16111320)
        464821.27   3770241.81   25.07061 (13031221)   464846.27   3770241.81
25.89209 (13031221)
        464871.27   3770241.81   26.90846 (15102321)   464896.27   3770241.81
27.93940 (13100621)
        464921.27   3770241.81   29.09004 (13100621)   464946.27   3770241.81
30.07907 (16091920)
        464971.27   3770241.81   31.51415 (16091920)   464996.27   3770241.81
32.71569 (16091920)
        465021.27   3770241.81   33.27489 (15070102)   465046.27   3770241.81
34.52937 (15070102)
        465071.27   3770241.81   36.09011 (16102323)   465096.27   3770241.81
38.18040 (16102323)
        465121.27   3770241.81   40.08215 (13051221)   464696.27   3770266.81
21.17111 (16111320)
        464721.27   3770266.81   21.91429 (16111320)   464746.27   3770266.81
22.56919 (16111320)
        464771.27   3770266.81   23.32805 (13031221)   464796.27   3770266.81
24.15380 (13031221)
        464821.27   3770266.81   25.10349 (15102321)   464846.27   3770266.81
25.81079 (13100621)
        464871.27   3770266.81   26.68827 (13100621)   464896.27   3770266.81
27.78935 (16091920)
        464921.27   3770266.81   29.11116 (16091920)   464946.27   3770266.81
30.00388 (16091920)
        464971.27   3770266.81   31.13597 (15070102)   464996.27   3770266.81
32.30541 (15070102)
        465021.27   3770266.81   32.78767 (15070102)   465046.27   3770266.81
34.29613 (16102323)
        465071.27   3770266.81   35.83192 (16102323)   465096.27   3770266.81
37.55834 (13051221)
        465121.27   3770266.81   38.92442 (13051221)   464696.27   3770291.81
21.20534 (16111320)
        464721.27   3770291.81   21.95683 (13031221)   464746.27   3770291.81
22.67166 (13031221)
        464771.27   3770291.81   23.32299 (15102321)   464796.27   3770291.81
24.05749 (13100621)
        464821.27   3770291.81   25.30698 (13100621)   464846.27   3770291.81
25.85950 (15102622)
        464871.27   3770291.81   26.86728 (16091920)   464896.27   3770291.81
28.55907 (16091920)
        464921.27   3770291.81   29.36133 (16091920)   464946.27   3770291.81
29.90233 (15070102)
        464971.27   3770291.81   31.20523 (15070102)   464996.27   3770291.81
31.89828 (16102323)
        465021.27   3770291.81   32.49151 (16102323)   465046.27   3770291.81
33.58278 (13051221)
        465071.27   3770291.81   35.28464 (13051221)   465096.27   3770291.81
36.60241 (11103022)
        465121.27   3770291.81   37.69828 (15090824)   464696.27   3770316.81
21.31403 (13031221)
        464721.27   3770316.81   21.94852 (15102321)   464746.27   3770316.81
22.62551 (13100621)
        464771.27   3770316.81   23.23112 (13100621)   464796.27   3770316.81
23.87329 (15102622)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LIFT ***
INCLUDING SOURCE(S): L0003533 , L0003534 , L0003535 , L0003536 , L0003537 , L0003538 , L0003539 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464721.27	3770341.81	21.65135	(13100621)	464746.27	3770341.81	22.16497	(15102622)
464771.27	3770341.81	22.88911	(16091920)	464796.27	3770341.81	23.96689	(16091920)
464821.27	3770341.81	25.55612	(16091920)	464846.27	3770341.81	26.29994	(15070102)
464871.27	3770341.81	27.10512	(15070102)	464896.27	3770341.81	28.56433	(15070102)
464921.27	3770341.81	29.42895	(16102323)	464946.27	3770341.81	29.78501	(16102323)
464971.27	3770341.81	30.81951	(16102323)	464996.27	3770341.81	31.32171	(13051221)
465021.27	3770341.81	31.14411	(13051221)	465046.27	3770341.81	30.54940	(11103022)
465071.27	3770341.81	30.59258	(15090824)	465096.27	3770341.81	31.47115	(15090824)
465121.27	3770341.81	31.94682	(15090824)	464696.27	3770366.81	20.95130	(15102622)
464721.27	3770366.81	21.62752	(16091920)	464746.27	3770366.81	22.39334	(16091920)
464771.27	3770366.81	22.91549	(16091920)	464796.27	3770366.81	23.58303	(16091920)
464821.27	3770366.81	25.32957	(15070102)	464846.27	3770366.81	26.26853	(15070102)

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        464871.27   3770366.81       26.78781  (12051702)              464896.27   3770366.81
28.49703  (16102323)
        464921.27   3770366.81       29.36894  (16102323)              464946.27   3770366.81
29.46849  (13051221)
        464971.27   3770366.81       30.80011  (13051221)              464996.27   3770366.81
30.73045  (11103022)
        465021.27   3770366.81       30.33167  (11103022)              464696.27   3770391.81
21.37044  (16091920)
        464721.27   3770391.81       21.98157  (16091920)              464746.27   3770391.81
22.48067  (16091920)
        464771.27   3770391.81       22.92121  (15070102)              464796.27   3770391.81
23.57189  (15070102)
        464821.27   3770391.81       25.03541  (15070102)              464846.27   3770391.81
26.06248  (16102323)
        464871.27   3770391.81       26.87256  (16102323)              464896.27   3770391.81
28.17108  (16102323)
        464921.27   3770391.81       29.16235  (13051221)              464946.27   3770391.81
29.45019  (13051221)
        464971.27   3770391.81       30.43097  (11103022)              464996.27   3770391.81
29.98294  (11103022)
        465021.27   3770391.81       30.05747  (15090824)              464696.27   3770416.81
21.12839  (16091920)
        464721.27   3770416.81       21.65134  (15070102)              464746.27   3770416.81
22.25626  (15070102)
        464771.27   3770416.81       22.55437  (15070102)              464796.27   3770416.81
23.27892  (12051702)
        464821.27   3770416.81       25.08152  (16102323)              464846.27   3770416.81
26.02059  (16102323)
        464871.27   3770416.81       26.41776  (13051221)              464896.27   3770416.81
28.03921  (13051221)
        464921.27   3770416.81       28.81270  (13051221)              464946.27   3770416.81
29.23028  (11103022)
        464971.27   3770416.81       30.10829  (15090824)              464996.27   3770416.81
30.03361  (15090824)
        465021.27   3770416.81       29.50333  (15090824)              464696.27   3770441.81
21.14278  (15070102)
        464721.27   3770441.81       21.61294  (15070102)              464746.27   3770441.81
21.99388  (12051702)
        464771.27   3770441.81       22.47346  (16102323)              464796.27   3770441.81
23.35548  (16102323)
        464821.27   3770441.81       24.82791  (16102323)              464846.27   3770441.81
25.69164  (13051221)
        464871.27   3770441.81       26.43545  (13051221)              464896.27   3770441.81
27.59064  (11103022)
        464921.27   3770441.81       28.43531  (11103022)              464946.27   3770441.81
28.80379  (15090824)
        464971.27   3770441.81       30.22816  (15090824)              464996.27   3770441.81
29.55940  (15090824)
        465021.27   3770441.81       28.67515  (12081301)              465871.27   3770441.81
33.37691  (13062921)
        465896.27   3770441.81       31.70557  (12080721)              465921.27   3770441.81
30.73542  (13082921)
        465946.27   3770441.81       28.82627  (15062822)              465971.27   3770441.81
25.86598  (16062021)
        465996.27   3770441.81       24.18641  (15102419)              466021.27   3770441.81
23.28701  (12091519)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LIFT ***

INCLUDING SOURCE(S): L0003533 , L0003534 , L0003535 , L0003536 , L0003537 , L0003538 , L0003539 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464696.27	3770466.81	21.23455	(15070102)	464721.27	3770466.81	21.69305	(12051702)
464746.27	3770466.81	22.39197	(16102323)	464771.27	3770466.81	22.69324	(16102323)
464796.27	3770466.81	23.06945	(16102323)	464821.27	3770466.81	24.67969	(13051221)
464846.27	3770466.81	25.51786	(13051221)	464871.27	3770466.81	26.03533	(11103022)
464896.27	3770466.81	27.22264	(11103022)	464921.27	3770466.81	27.92616	(15090824)
464946.27	3770466.81	28.63365	(15090824)	464971.27	3770466.81	29.59992	(15090824)
464996.27	3770466.81	28.74008	(12081301)	465021.27	3770466.81	28.00357	(13031223)
465871.27	3770466.81	32.76395	(13062921)	465896.27	3770466.81	31.98150	(13062921)
465921.27	3770466.81	31.02800	(12080721)	465946.27	3770466.81	29.23640	(13082921)
465971.27	3770466.81	26.07299	(15062822)	465996.27	3770466.81	24.30240	(16062021)
466021.27	3770466.81	23.12538	(15102419)	464696.27	3770491.81	21.06138	(16102323)
464721.27	3770491.81	21.62110	(16102323)	464746.27	3770491.81	22.07882	(16102323)
464771.27	3770491.81	22.30164	(13051221)	464796.27	3770491.81	23.18369	(13051221)
464821.27	3770491.81	24.49974	(13051221)	464846.27	3770491.81	25.15459	(11103022)
464871.27	3770491.81	25.56789	(11103022)	464896.27	3770491.81	26.83539	(15090824)
464921.27	3770491.81	27.64977	(15090824)	464946.27	3770491.81	27.87119	(15090824)
464971.27	3770491.81	28.58330	(12081301)	464996.27	3770491.81	28.06203	(13031223)
465021.27	3770491.81	27.82102	(15090204)	465871.27	3770491.81	31.12098	(16062724)
465896.27	3770491.81	30.82344	(13062921)	465921.27	3770491.81	29.69564	(13062921)
465946.27	3770491.81	28.36818	(12080721)	465971.27	3770491.81	26.16470	(13082921)
465996.27	3770491.81	24.69231	(15062822)	466021.27	3770491.81	23.13257	(12081623)
464696.27	3770516.81	20.94457	(16102323)	464721.27	3770516.81		

21.25754 (16102323)
        464746.27   3770516.81   21.81089 (13051221)   464771.27   3770516.81
22.31305 (13051221)
        464796.27   3770516.81   22.95950 (13051221)   464821.27   3770516.81
24.31678 (11103022)
        464846.27   3770516.81   24.65698 (11103022)   464871.27   3770516.81
25.33554 (15090824)
        464896.27   3770516.81   26.56867 (15090824)   464921.27   3770516.81
26.88099 (15090824)
        464946.27   3770516.81   26.90298 (12081301)   464971.27   3770516.81
27.76820 (13031223)
        464996.27   3770516.81   27.71403 (15090204)   465021.27   3770516.81
27.49560 (15060920)
        465871.27   3770516.81   29.98421 (11070304)   465896.27   3770516.81
29.15972 (13062921)
        465921.27   3770516.81   28.36697 (13062921)   465946.27   3770516.81
26.92229 (12080721)
        465971.27   3770516.81   25.55162 (13082921)   465996.27   3770516.81
24.67089 (12091920)
        466021.27   3770516.81   23.07150 (15062822)   464696.27   3770541.81
20.89563 (15032304)
        464721.27   3770541.81   21.47627 (13051221)   464746.27   3770541.81
22.00412 (13051221)
        464771.27   3770541.81   22.29346 (11103022)   464796.27   3770541.81
23.01957 (11103022)
        464821.27   3770541.81   23.96111 (11103022)   464846.27   3770541.81
24.54849 (15090824)
        464871.27   3770541.81   25.00658 (15090824)   464896.27   3770541.81
25.72271 (15090824)
        464921.27   3770541.81   25.91148 (12081301)   464946.27   3770541.81
26.10628 (13031223)
        464971.27   3770541.81   27.08933 (15090204)   464996.27   3770541.81
27.20459 (15060920)
        465021.27   3770541.81   27.00140 (11070903)   465871.27   3770541.81
29.96053 (11070304)
        465896.27   3770541.81   28.91458 (11082520)   465921.27   3770541.81
27.56349 (13062921)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: LIFT   ***
                                INCLUDING SOURCE(S):   L0003533   , L0003534   , L0003535   ,
L0003536   , L0003537   ,
                L0003538   , L0003539   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 - - -

24.51325 (12080721)
        465996.27   3770541.81   24.05347 (13082921)   466021.27   3770541.81
22.76901 (15062822)
        464696.27   3770566.81   21.06196 (13051221)   464721.27   3770566.81
21.34793 (13051221)
        464746.27   3770566.81   21.84271 (11103022)   464771.27   3770566.81
22.23754 (11103022)
        464796.27   3770566.81   22.73107 (15090824)   464821.27   3770566.81
24.07426 (15090824)
        464846.27   3770566.81   24.26663 (15090824)   464871.27   3770566.81
24.26046 (15090824)
        464896.27   3770566.81   24.68510 (12081301)   464921.27   3770566.81
25.04180 (13031223)
        464946.27   3770566.81   25.46249 (15090204)   464971.27   3770566.81
26.19817 (15060920)
        464996.27   3770566.81   26.38878 (11070903)   465021.27   3770566.81
26.59435 (11070903)
        465871.27   3770566.81   29.60458 (12101719)   465896.27   3770566.81
28.74162 (11070304)
        465921.27   3770566.81   26.77252 (13062921)   465946.27   3770566.81
24.92355 (13062921)
        465971.27   3770566.81   23.56321 (13062921)   465996.27   3770566.81
23.11316 (12080721)
        466021.27   3770566.81   22.21063 (13082921)   464696.27   3770591.81
20.79299 (13051221)
        464721.27   3770591.81   21.21342 (11103022)   464746.27   3770591.81
21.64317 (11103022)
        464771.27   3770591.81   21.98832 (15090824)   464796.27   3770591.81
22.98810 (15090824)
        464821.27   3770591.81   23.91984 (15090824)   464846.27   3770591.81
23.72197 (12081301)
        464871.27   3770591.81   23.66801 (11072003)   464896.27   3770591.81
24.05071 (13031223)
        464921.27   3770591.81   24.53510 (15090204)   464946.27   3770591.81
24.98325 (15060920)
        464971.27   3770591.81   25.42337 (15060920)   464996.27   3770591.81
25.97261 (11070903)
        465021.27   3770591.81   25.95243 (11070903)   465871.27   3770591.81
29.16653 (12101719)
        465896.27   3770591.81   28.05998 (11070304)   465921.27   3770591.81
26.07919 (11082520)
        465946.27   3770591.81   24.59039 (13062921)   465971.27   3770591.81
23.42509 (13062921)
        465996.27   3770591.81   22.50545 (12080721)   466021.27   3770591.81
21.93052 (12080721)
        464696.27   3770616.81   21.12514 (11103022)   464721.27   3770616.81
21.38769 (11103022)
        464746.27   3770616.81   21.84903 (15090824)   464771.27   3770616.81
22.46079 (15090824)
        464796.27   3770616.81   22.98284 (15090824)   464821.27   3770616.81
23.57677 (12081301)
        464846.27   3770616.81   23.36953 (11072003)   464871.27   3770616.81
23.60536 (13031223)
        464896.27   3770616.81   24.05954 (15090204)   464921.27   3770616.81
24.48300 (15060920)
        464946.27   3770616.81   24.86402 (15060920)   464971.27   3770616.81
25.43372 (11070903)
        464996.27   3770616.81   25.65130 (11070903)   465021.27   3770616.81
25.93043 (13051321)
        465871.27   3770616.81   28.48975 (12101719)   465896.27   3770616.81
27.29812 (12101719)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LIFT ***
INCLUDING SOURCE(S): L0003533 , L0003534 , L0003535 , L0003536 , L0003537 , L0003538 , L0003539 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465921.27	3770616.81	25.85505	(11070304)	465946.27	3770616.81	24.35119	(16062724)
465971.27	3770616.81	23.51888	(13062921)	465996.27	3770616.81	22.55393	(13062921)
466021.27	3770616.81	21.96865	(12080721)	464696.27	3770641.81	21.61749	(16110520)
464721.27	3770641.81	22.10869	(15061824)	464746.27	3770641.81	22.55022	(15090824)
464771.27	3770641.81	22.63929	(15090824)	464796.27	3770641.81	22.66708	(12081301)
464821.27	3770641.81	23.12161	(11072003)	464846.27	3770641.81	23.37933	(13031223)
464871.27	3770641.81	23.68803	(15090204)	464896.27	3770641.81	24.07606	(15090204)
464921.27	3770641.81	24.41745	(15060920)	464946.27	3770641.81	24.92005	(11070903)
464971.27	3770641.81	25.24828	(11070903)	464996.27	3770641.81	25.50558	(13051321)
465021.27	3770641.81	25.69795	(13051321)	464696.27	3770666.81	21.43565	(15061824)
464721.27	3770666.81	21.92202	(15090824)	464746.27	3770666.81	22.22311	(15090824)
464771.27	3770666.81	22.19884	(12081301)	464796.27	3770666.81	22.55309	(15081422)
464821.27	3770666.81	22.81406	(15081422)	464846.27	3770666.81	22.88880	(15090204)
464871.27	3770666.81	23.23764	(15090204)	464896.27	3770666.81	23.57792	(15060920)
464921.27	3770666.81	23.89605	(11070903)	464946.27	3770666.81	24.17282	(11070903)
464971.27	3770666.81	24.46811	(13051321)	464996.27	3770666.81	25.05615	(13051321)
465021.27	3770666.81	25.10815	(16022306)	464696.27	3770691.81	21.12272	(15061824)
464721.27	3770691.81	21.91670	(12090901)	464746.27	3770691.81	22.07644	(15081422)
464771.27	3770691.81	22.37711	(15081422)	464796.27	3770691.81	23.00561	(15081422)

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       464821.27   3770691.81       22.61695  (15081422)              464846.27   3770691.81
22.60869  (15090204)
       464871.27   3770691.81       23.00037  (15060920)              464896.27   3770691.81
23.41561  (11070903)
       464921.27   3770691.81       23.59181  (11070903)              464946.27   3770691.81
23.49677  (13051321)
       464971.27   3770691.81       24.34778  (13051321)              464996.27   3770691.81
24.64201  (16022306)
       465021.27   3770691.81       24.97258  (16061822)              464696.27   3770716.81
21.06606  (12090901)
       464721.27   3770716.81       21.91389  (15081422)              464746.27   3770716.81
22.44100  (15081422)
       464771.27   3770716.81       22.50725  (15081422)              464796.27   3770716.81
23.05159  (15081422)
       464821.27   3770716.81       22.48434  (16102921)              464846.27   3770716.81
22.40173  (15060920)
       464871.27   3770716.81       22.83557  (11070903)              464896.27   3770716.81
23.38531  (11070903)
       464921.27   3770716.81       23.14517  (11070903)              464946.27   3770716.81
23.51152  (13051321)
       464971.27   3770716.81       24.12776  (13051321)              464996.27   3770716.81
24.49234  (16061822)
       465021.27   3770716.81       24.76132  (16061822)              464696.27   3770741.81
20.81033  (15081422)
       464721.27   3770741.81       22.00944  (15081422)              464746.27   3770741.81
22.40533  (15081422)
       464771.27   3770741.81       22.23974  (15081422)              464796.27   3770741.81
22.73480  (16102921)
       464821.27   3770741.81       22.57726  (16102921)              464846.27   3770741.81
22.16757  (16072803)
       464871.27   3770741.81       22.68252  (11070903)              464896.27   3770741.81
22.92809  (11070903)
       464921.27   3770741.81       23.00872  (13051321)              464946.27   3770741.81
23.24509  (13051321)
       464971.27   3770741.81       23.78050  (13012218)              464996.27   3770741.81
24.37063  (16061822)
       465021.27   3770741.81       24.29697  (12081122)              464696.27   3770766.81
20.76533  (15081422)
       464721.27   3770766.81       21.73397  (15081422)              464746.27   3770766.81
22.04543  (15081422)
       464771.27   3770766.81       21.76999  (16102921)              464796.27   3770766.81
22.71472  (16102921)
       464821.27   3770766.81       22.48083  (16072803)              464846.27   3770766.81
21.91822  (11070903)
       464871.27   3770766.81       22.30775  (16082302)              464896.27   3770766.81
22.85289  (15102521)
       464921.27   3770766.81       22.73940  (13051321)              464946.27   3770766.81
22.79806  (16022306)
       464971.27   3770766.81       23.57463  (16061822)              464996.27   3770766.81
23.99079  (16061822)
       465021.27   3770766.81       24.14665  (12081122)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE 155
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
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GROUP: IDLE ***

INCLUDING SOURCE(S): L0003777 , L0003778 , L0003779 , L0003780 , L0003781 , L0003782 , L0003783 , L0003784 , L0003785 , L0003786 , L0003787 , L0003788 , L0003789 , L0003790 , L0003791 , L0003792 , L0003793 , L0003794 , L0003795 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465946.27	3769266.81	11.03387	(15013017)	465971.27	3769266.81	11.31622	(15013017)
465996.27	3769266.81	11.25548	(15013017)	466021.27	3769266.81	10.83721	(15013017)
466046.27	3769266.81	10.11425	(15013017)	466071.27	3769266.81	9.16950	(15013017)
466096.27	3769266.81	8.09227	(15013017)	466121.27	3769266.81	6.96588	(15013017)
466146.27	3769266.81	5.85774	(15013017)	466171.27	3769266.81	5.54683	(15041518)
466196.27	3769266.81	5.60916	(15041518)	465946.27	3769291.81	12.00396	(15013017)
465971.27	3769291.81	12.05506	(15013017)	465996.27	3769291.81	11.72910	(15013017)
466021.27	3769291.81	11.02964	(15013017)	466046.27	3769291.81	10.05792	(15013017)
466071.27	3769291.81	8.91148	(15013017)	466096.27	3769291.81	7.68738	(15013017)
466121.27	3769291.81	6.47017	(15013017)	466146.27	3769291.81	5.91415	(15041518)
466171.27	3769291.81	5.98106	(15041518)	466196.27	3769291.81	5.95880	(15041518)
465946.27	3769316.81	12.91108	(15013017)	465971.27	3769316.81	12.68981	(15013017)
465996.27	3769316.81	12.04226	(15013017)	466021.27	3769316.81	11.04880	(15013017)
466046.27	3769316.81	9.83259	(15013017)	466071.27	3769316.81	8.50523	(15013017)
466096.27	3769316.81	7.16507	(15013017)	466121.27	3769316.81	6.31896	(15041518)
466146.27	3769316.81	6.39288	(15041518)	466171.27	3769316.81	6.36482	(15041518)
466196.27	3769316.81	6.24487	(15041518)	465946.27	3769341.81	13.73079	(15013017)
465971.27	3769341.81	13.14260	(15013017)	465996.27	3769341.81	12.15530	(15013017)
466021.27	3769341.81	10.87251	(15013017)	466046.27	3769341.81	9.43480	(15013017)
466071.27	3769341.81	7.95995	(15013017)	466096.27	3769341.81	6.77126	(15041518)
466121.27	3769341.81	6.84827	(15041518)	466146.27	3769341.81	6.81552	(15041518)
466171.27	3769341.81	6.67746	(15041518)	466196.27	3769341.81	6.44991	(15041518)
465946.27	3769366.81	14.37945	(15013017)	465971.27	3769366.81		

13.38835 (15013017)
        465996.27   3769366.81   12.04870 (15013017)   466021.27   3769366.81
10.49420 (15013017)
        466046.27   3769366.81   8.86972 (15013017)   466071.27   3769366.81
7.29075 (15013017)
        466096.27   3769366.81   7.36171 (15041518)   466121.27   3769366.81
7.31678 (15041518)
        466146.27   3769366.81   7.15882 (15041518)   466171.27   3769366.81
6.89869 (15041518)
        466196.27   3769366.81   6.95832 (13102408)   464696.27   3770066.81
17.76308 (16092824)
        464721.27   3770066.81   18.43001 (13101821)   464746.27   3770066.81
19.30816 (13101821)
        464771.27   3770066.81   20.39512 (12091322)   464796.27   3770066.81
21.79652 (12091322)
        464821.27   3770066.81   23.59627 (12091322)   464846.27   3770066.81
24.99456 (12091322)
        464871.27   3770066.81   26.14956 (12091322)   464896.27   3770066.81
27.39464 (12091322)
        464921.27   3770066.81   28.90224 (12091322)   464946.27   3770066.81
29.94056 (12091322)
        464971.27   3770066.81   29.73755 (12070903)   464996.27   3770066.81
30.51961 (15031421)
        465021.27   3770066.81   31.46496 (15031421)   464696.27   3770091.81
18.46382 (12091322)
        464721.27   3770091.81   19.10462 (12091322)   464746.27   3770091.81
19.85723 (12091322)
        464771.27   3770091.81   20.77688 (12091322)   464796.27   3770091.81
22.05772 (12091322)
        464821.27   3770091.81   23.82609 (12091322)   464846.27   3770091.81
25.20493 (12091322)
        464871.27   3770091.81   26.46215 (12070903)   464896.27   3770091.81
27.84184 (12070903)
        464921.27   3770091.81   29.41718 (12112420)   464946.27   3770091.81
30.82913 (12112420)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: IDLE   ***
                                  INCLUDING SOURCE(S):   L0003777   , L0003778   , L0003779   ,
L0003780   , L0003781   ,
                L0003782   , L0003783   , L0003784   , L0003785   , L0003786   , L0003787   ,
L0003788   , L0003789   ,
                L0003790   , L0003791   , L0003792   , L0003793   , L0003794   , L0003795   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - -
        464971.27   3770091.81   30.99663 (12112420)   464996.27   3770091.81

31.18247 (12093021)
        465021.27   3770091.81   31.94852 (12093021)   464696.27   3770116.81
18.85278 (12091322)
        464721.27   3770116.81   19.39072 (12091322)   464746.27   3770116.81
19.98176 (12070903)
        464771.27   3770116.81   20.84722 (12070903)   464796.27   3770116.81
21.96876 (12070903)
        464821.27   3770116.81   23.71221 (12112420)   464846.27   3770116.81
25.22946 (12112420)
        464871.27   3770116.81   26.52753 (12112420)   464896.27   3770116.81
27.79199 (12112420)
        464921.27   3770116.81   29.00577 (12112420)   464946.27   3770116.81
30.40377 (15021421)
        464971.27   3770116.81   31.30380 (15021421)   464996.27   3770116.81
31.30364 (15021421)
        465021.27   3770116.81   31.90528 (12092322)   465046.27   3770116.81
33.22361 (12092322)
        465071.27   3770116.81   34.78314 (12092322)   464696.27   3770141.81
19.23179 (12070903)
        464721.27   3770141.81   19.91300 (12112420)   464746.27   3770141.81
20.64740 (12112420)
        464771.27   3770141.81   21.47783 (12112420)   464796.27   3770141.81
22.36809 (12112420)
        464821.27   3770141.81   23.64453 (12112420)   464846.27   3770141.81
24.89162 (13121802)
        464871.27   3770141.81   26.27188 (15021421)   464896.27   3770141.81
27.64962 (15021421)
        464921.27   3770141.81   28.94652 (15021421)   464946.27   3770141.81
30.27675 (15042922)
        464971.27   3770141.81   31.38662 (15042922)   464996.27   3770141.81
31.58400 (15042922)
        465021.27   3770141.81   31.59925 (16111320)   465046.27   3770141.81
33.09867 (12091601)
        465071.27   3770141.81   35.26857 (12091601)   464696.27   3770166.81
19.74210 (12112420)
        464721.27   3770166.81   20.36723 (12112420)   464746.27   3770166.81
21.02803 (12112420)
        464771.27   3770166.81   21.79041 (15021421)   464796.27   3770166.81
22.68294 (15021421)
        464821.27   3770166.81   23.74840 (15021421)   464846.27   3770166.81
24.88853 (15021421)
        464871.27   3770166.81   26.10026 (15042922)   464896.27   3770166.81
27.43127 (15042922)
        464921.27   3770166.81   28.68188 (15042922)   464946.27   3770166.81
29.81457 (16111320)
        464971.27   3770166.81   30.93281 (16111320)   464996.27   3770166.81
31.40654 (13031221)
        465021.27   3770166.81   31.96007 (13031221)   465046.27   3770166.81
33.20916 (15102321)
        465071.27   3770166.81   34.93343 (13100621)   464696.27   3770191.81
20.08971 (15021421)
        464721.27   3770191.81   20.89927 (15021421)   464746.27   3770191.81
21.69435 (15021421)
        464771.27   3770191.81   22.44738 (15021421)   464796.27   3770191.81
23.16499 (15042922)
        464821.27   3770191.81   24.02484 (15042922)   464846.27   3770191.81
24.96324 (15042922)
        464871.27   3770191.81   26.00075 (15042922)   464896.27   3770191.81
27.23324 (16111320)
        464921.27   3770191.81   28.42237 (16111320)   464946.27   3770191.81
29.65754 (13031221)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***

INCLUDING SOURCE(S): L0003777 , L0003778 , L0003779 , L0003780 , L0003781 , L0003782 , L0003783 , L0003784 , L0003785 , L0003786 , L0003787 , L0003788 , L0003789 , L0003790 , L0003791 , L0003792 , L0003793 , L0003794 , L0003795 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464971.27	3770191.81	30.78070	(13031221)	464996.27	3770191.81	31.55626	(15102321)
465021.27	3770191.81	32.27927	(13100621)	465046.27	3770191.81	33.54776	(16091920)
465071.27	3770191.81	35.40950	(16091920)	465096.27	3770191.81	37.31093	(16091920)
465121.27	3770191.81	39.61230	(15070102)	464696.27	3770216.81	20.82138	(15021421)
464721.27	3770216.81	21.51657	(15042922)	464746.27	3770216.81	22.32650	(15042922)
464771.27	3770216.81	23.08223	(15042922)	464796.27	3770216.81	23.75025	(15042922)
464821.27	3770216.81	24.45113	(16111320)	464846.27	3770216.81	25.32505	(16111320)
464871.27	3770216.81	26.34772	(16111320)	464896.27	3770216.81	27.56167	(13031221)
464921.27	3770216.81	28.74823	(13031221)	464946.27	3770216.81	29.99245	(15102321)
464971.27	3770216.81	31.10049	(13100621)	464996.27	3770216.81	31.91863	(16091920)
465021.27	3770216.81	32.91900	(16091920)	465046.27	3770216.81	34.21520	(16091920)
465071.27	3770216.81	35.95023	(15070102)	465096.27	3770216.81	37.77680	(15070102)
465121.27	3770216.81	39.68079	(16102323)	464696.27	3770241.81	21.26194	(15042922)
464721.27	3770241.81	22.06643	(15042922)	464746.27	3770241.81	22.71366	(16111320)
464771.27	3770241.81	23.58226	(16111320)	464796.27	3770241.81	24.32380	(16111320)
464821.27	3770241.81	25.02727	(13031221)	464846.27	3770241.81	25.85219	(13031221)
464871.27	3770241.81	26.86387	(15102321)	464896.27	3770241.81	27.89845	(15102321)
464921.27	3770241.81	29.04631	(13100621)	464946.27	3770241.81	30.00934	(16091920)

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        464971.27   3770241.81       31.45131  (16091920)              464996.27   3770241.81
32.66225  (16091920)
        465021.27   3770241.81       33.20725  (15070102)              465046.27   3770241.81
34.47455  (15070102)
        465071.27   3770241.81       36.00484  (16102323)              465096.27   3770241.81
38.11211  (16102323)
        465121.27   3770241.81       39.98018  (13051221)              464696.27   3770266.81
21.14112  (16111320)
        464721.27   3770266.81       21.88626  (16111320)              464746.27   3770266.81
22.54371  (16111320)
        464771.27   3770266.81       23.29151  (13031221)              464796.27   3770266.81
24.12033  (13031221)
        464821.27   3770266.81       25.06559  (15102321)              464846.27   3770266.81
25.76878  (13100621)
        464871.27   3770266.81       26.65127  (13100621)              464896.27   3770266.81
27.74629  (15102622)
        464921.27   3770266.81       29.05533  (16091920)              464946.27   3770266.81
29.95626  (16091920)
        464971.27   3770266.81       31.08638  (16091920)              464996.27   3770266.81
32.25332  (15070102)
        465021.27   3770266.81       32.74940  (15070102)              465046.27   3770266.81
34.22926  (16102323)
        465071.27   3770266.81       35.78246  (16102323)              465096.27   3770266.81
37.47738  (13051221)
        465121.27   3770266.81       38.86785  (13051221)              464696.27   3770291.81
21.18451  (16111320)
        464721.27   3770291.81       21.92558  (13031221)              464746.27   3770291.81
22.64334  (13031221)
        464771.27   3770291.81       23.29074  (15102321)              464796.27   3770291.81
24.02116  (13100621)
        464821.27   3770291.81       25.27468  (13100621)              464846.27   3770291.81
25.82378  (15102622)
        464871.27   3770291.81       26.81755  (16091920)              464896.27   3770291.81
28.51510  (16091920)
        464921.27   3770291.81       29.32622  (16091920)              464946.27   3770291.81
29.85335  (15070102)
        464971.27   3770291.81       31.16722  (15070102)              464996.27   3770291.81
31.83208  (16102323)
        465021.27   3770291.81       32.44035  (16102323)              465046.27   3770291.81
33.50170  (13051221)
        465071.27   3770291.81       35.22081  (13051221)              465096.27   3770291.81
36.52511  (11103022)
        465121.27   3770291.81       37.58781  (15090824)              464696.27   3770316.81
21.28998  (13031221)
        464721.27   3770316.81       21.92066  (15102321)              464746.27   3770316.81
22.59370  (13100621)
        464771.27   3770316.81       23.20345  (13100621)              464796.27   3770316.81
23.84208  (15102622)
        464821.27   3770316.81       25.48651  (16091920)              464846.27   3770316.81
26.37088  (16091920)
        464871.27   3770316.81       27.06876  (16091920)              464896.27   3770316.81
28.73036  (15070102)
        464921.27   3770316.81       29.58944  (15070102)              464946.27   3770316.81
29.63247  (15070102)
        464971.27   3770316.81       31.18767  (16102323)              464996.27   3770316.81
31.66510  (16102323)
        465021.27   3770316.81       31.82086  (13051221)              465046.27   3770316.81
32.45639  (13051221)
        465071.27   3770316.81       33.11777  (11103022)              465096.27   3770316.81
34.65474  (15090824)
        465121.27   3770316.81       35.43700  (15090824)              464696.27   3770341.81
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                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: IDLE   ***
                                  INCLUDING SOURCE(S):   L0003777   , L0003778   , L0003779   ,
L0003780   , L0003781   ,
                L0003782   , L0003783   , L0003784   , L0003785   , L0003786   , L0003787   ,
L0003788   , L0003789   ,
                L0003790   , L0003791   , L0003792   , L0003793   , L0003794   , L0003795   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 - - -

```
23.54626  (15070102)
        464821.27   3770391.81       25.01742  (15070102)               464846.27   3770391.81
26.01873  (16102323)
        464871.27   3770391.81       26.83869  (16102323)               464896.27   3770391.81
28.14894  (16102323)
        464921.27   3770391.81       29.11028  (13051221)               464946.27   3770391.81
29.41326  (13051221)
        464971.27   3770391.81       30.37886  (11103022)               464996.27   3770391.81
29.95024  (11103022)
        465021.27   3770391.81       29.99649  (15090824)               464696.27   3770416.81
21.10933  (16091920)
        464721.27   3770416.81       21.62040  (15070102)               464746.27   3770416.81
22.23098  (15070102)
        464771.27   3770416.81       22.53581  (15070102)               464796.27   3770416.81
23.24791  (12051702)
        464821.27   3770416.81       25.04620  (16102323)               464846.27   3770416.81
25.99485  (16102323)
        464871.27   3770416.81       26.37095  (16102323)               464896.27   3770416.81
27.99617  (13051221)
        464921.27   3770416.81       28.78374  (13051221)               464946.27   3770416.81
29.18677  (11103022)
        464971.27   3770416.81       30.03109  (15090824)               464996.27   3770416.81
29.97751  (15090824)
        465021.27   3770416.81       29.46887  (15090824)               464696.27   3770441.81
21.11789  (15070102)
        464721.27   3770441.81       21.59389  (15070102)               464746.27   3770441.81
21.96262  (12051702)
        464771.27   3770441.81       22.43911  (16102323)               464796.27   3770441.81
23.32833  (16102323)
        464821.27   3770441.81       24.80949  (16102323)               464846.27   3770441.81
25.64602  (13051221)
        464871.27   3770441.81       26.40094  (13051221)               464896.27   3770441.81
27.53962  (11103022)
        464921.27   3770441.81       28.39893  (11103022)               464946.27   3770441.81
28.73538  (15090824)
        464971.27   3770441.81       30.17628  (15090824)               464996.27   3770441.81
29.52935  (15090824)
        465021.27   3770441.81       28.65013  (12081301)               465871.27   3770441.81
33.42187  (13062921)
        465896.27   3770441.81       31.72876  (12080721)               465921.27   3770441.81
30.77955  (13082921)
        465946.27   3770441.81       28.86640  (15062822)               465971.27   3770441.81
25.91428  (16062021)
        465996.27   3770441.81       24.22782  (15102419)               466021.27   3770441.81
23.33460  (12091519)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

                PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  IDLE     ***
                                 INCLUDING SOURCE(S):     L0003777    , L0003778    , L0003779    ,
L0003780    , L0003781    ,
                 L0003782    , L0003783    , L0003784    , L0003785    , L0003786    , L0003787    ,
L0003788    , L0003789    ,
                 L0003790    , L0003791    , L0003792    , L0003793    , L0003794    , L0003795    ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464696.27	3770466.81	21.22115	(15070102)	464721.27	3770466.81	21.66737	(12051702)
464746.27	3770466.81	22.36298	(16102323)	464771.27	3770466.81	22.67218	(16102323)
464796.27	3770466.81	23.05719	(16102323)	464821.27	3770466.81	24.64137	(13051221)
464846.27	3770466.81	25.49002	(13051221)	464871.27	3770466.81	25.99267	(11103022)
464896.27	3770466.81	27.19301	(11103022)	464921.27	3770466.81	27.86443	(15090824)
464946.27	3770466.81	28.58885	(15090824)	464971.27	3770466.81	29.57419	(15090824)
464996.27	3770466.81	28.71841	(12081301)	465021.27	3770466.81	27.97068	(13031223)
465871.27	3770466.81	32.77437	(13062921)	465896.27	3770466.81	32.04014	(13062921)
465921.27	3770466.81	31.06168	(12080721)	465946.27	3770466.81	29.28617	(13082921)
465971.27	3770466.81	26.11456	(15062822)	465996.27	3770466.81	24.35006	(16062021)
466021.27	3770466.81	23.16562	(15102419)	464696.27	3770491.81	21.03162	(16102323)
464721.27	3770491.81	21.59793	(16102323)	464746.27	3770491.81	22.06328	(16102323)
464771.27	3770491.81	22.26260	(13051221)	464796.27	3770491.81	23.15251	(13051221)
464821.27	3770491.81	24.47787	(13051221)	464846.27	3770491.81	25.11812	(11103022)
464871.27	3770491.81	25.54436	(11103022)	464896.27	3770491.81	26.78035	(15090824)
464921.27	3770491.81	27.61030	(15090824)	464946.27	3770491.81	27.84988	(15090824)
464971.27	3770491.81	28.56490	(12081301)	464996.27	3770491.81	28.03077	(13031223)
465021.27	3770491.81	27.77813	(15090204)	465871.27	3770491.81	31.12489	(16062724)
465896.27	3770491.81	30.85034	(13062921)	465921.27	3770491.81	29.76277	(13062921)
465946.27	3770491.81	28.40899	(12080721)	465971.27	3770491.81	26.21545	(13082921)
465996.27	3770491.81	24.73538	(15062822)	466021.27	3770491.81	23.15452	(12081623)
464696.27	3770516.81	20.92655	(16102323)	464721.27	3770516.81	21.24697	(16102323)
464746.27	3770516.81	21.77692	(13051221)	464771.27	3770516.81	22.28727	(13051221)
464796.27	3770516.81	22.94296	(13051221)	464821.27	3770516.81	24.28581	(11103022)
464846.27	3770516.81	24.63835	(11103022)	464871.27	3770516.81	25.28759	(15090824)
464896.27	3770516.81	26.53412	(15090824)	464921.27	3770516.81	26.86334	(15090824)

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        464946.27   3770516.81       26.88741  (12081301)               464971.27   3770516.81
27.73876  (13031223)
        464996.27   3770516.81       27.67144  (15090204)               465021.27   3770516.81
27.45837  (15060920)
        465871.27   3770516.81       30.02840  (11070304)               465896.27   3770516.81
29.15954  (13062921)
        465921.27   3770516.81       28.40550  (13062921)               465946.27   3770516.81
26.93747  (12080721)
        465971.27   3770516.81       25.57951  (13082921)               465996.27   3770516.81
24.70822  (12091920)
        466021.27   3770516.81       23.11479  (15062822)               464696.27   3770541.81
20.87954  (15032304)
        464721.27   3770541.81       21.44673  (13051221)               464746.27   3770541.81
21.98270  (13051221)
        464771.27   3770541.81       22.25834  (11103022)               464796.27   3770541.81
22.99399  (11103022)
        464821.27   3770541.81       23.94680  (11103022)               464846.27   3770541.81
24.50529  (15090824)
        464871.27   3770541.81       24.97698  (15090824)               464896.27   3770541.81
25.70825  (15090824)
        464921.27   3770541.81       25.89839  (12081301)               464946.27   3770541.81
26.07958  (13031223)
        464971.27   3770541.81       27.04785  (15090204)               464996.27   3770541.81
27.16703  (15060920)
        465021.27   3770541.81       26.95190  (11070903)               465871.27   3770541.81
29.97931  (11070304)
        465896.27   3770541.81       28.93211  (11082520)               465921.27   3770541.81
27.57757  (13062921)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***       01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***       15:16:13

                PAGE 160
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  IDLE     ***
                                  INCLUDING SOURCE(S):     L0003777    , L0003778    , L0003779    ,
L0003780    , L0003781    ,
                 L0003782    , L0003783    , L0003784    , L0003785    , L0003786    , L0003787    ,
L0003788    , L0003789    ,
                 L0003790    , L0003791    , L0003792    , L0003793    , L0003794    , L0003795    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - -
        465946.27   3770541.81       25.66912  (13062921)               465971.27   3770541.81
24.53582  (12080721)
        465996.27   3770541.81       24.08555  (13082921)               466021.27   3770541.81
22.79382  (15062822)
        464696.27   3770566.81       21.03669  (13051221)               464721.27   3770566.81
21.33081  (13051221)
        464746.27   3770566.81       21.81178  (11103022)               464771.27   3770566.81
22.21622  (11103022)
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        464796.27   3770566.81       22.68210  (15090824)              464821.27   3770566.81
24.03476  (15090824)
        464846.27   3770566.81       24.24055  (15090824)              464871.27   3770566.81
24.24867  (15090824)
        464896.27   3770566.81       24.67409  (12081301)              464921.27   3770566.81
25.01716  (13031223)
        464946.27   3770566.81       25.42388  (15090204)              464971.27   3770566.81
26.16137  (15060920)
        464996.27   3770566.81       26.33851  (11070903)              465021.27   3770566.81
26.56593  (11070903)
        465871.27   3770566.81       29.66881  (12101719)              465896.27   3770566.81
28.77796  (11070304)
        465921.27   3770566.81       26.76445  (13062921)              465946.27   3770566.81
24.94809  (13062921)
        465971.27   3770566.81       23.61271  (13062921)              465996.27   3770566.81
23.14093  (12080721)
        466021.27   3770566.81       22.24500  (13082921)              464696.27   3770591.81
20.77972  (13051221)
        464721.27   3770591.81       21.18661  (11103022)              464746.27   3770591.81
21.62555  (11103022)
        464771.27   3770591.81       21.94386  (15090824)              464796.27   3770591.81
22.95320  (15090824)
        464821.27   3770591.81       23.89666  (15090824)              464846.27   3770591.81
23.69851  (12081301)
        464871.27   3770591.81       23.64979  (12081301)              464896.27   3770591.81
24.02790  (13031223)
        464921.27   3770591.81       24.49809  (15090204)              464946.27   3770591.81
24.94768  (15060920)
        464971.27   3770591.81       25.40624  (15060920)              464996.27   3770591.81
25.94245  (11070903)
        465021.27   3770591.81       25.94430  (11070903)              465871.27   3770591.81
29.20757  (12101719)
        465896.27   3770591.81       28.07379  (11070304)              465921.27   3770591.81
26.12287  (11070304)
        465946.27   3770591.81       24.59597  (13062921)              465971.27   3770591.81
23.45706  (13062921)
        465996.27   3770591.81       22.51597  (12080721)              466021.27   3770591.81
21.96220  (12080721)
        464696.27   3770616.81       21.10149  (11103022)              464721.27   3770616.81
21.37338  (11103022)
        464746.27   3770616.81       21.80710  (15090824)              464771.27   3770616.81
22.42909  (15090824)
        464796.27   3770616.81       22.96274  (15090824)              464821.27   3770616.81
23.55542  (12081301)
        464846.27   3770616.81       23.34799  (11072003)              464871.27   3770616.81
23.58384  (13031223)
        464896.27   3770616.81       24.02328  (15090204)              464921.27   3770616.81
24.44751  (15060920)
        464946.27   3770616.81       24.84614  (15060920)              464971.27   3770616.81
25.40191  (11070903)
        464996.27   3770616.81       25.64044  (11070903)              465021.27   3770616.81
25.88925  (13051321)
        465871.27   3770616.81       28.50937  (12101719)              465896.27   3770616.81
27.35533  (12101719)
        465921.27   3770616.81       25.88353  (11070304)              465946.27   3770616.81
24.35564  (16062724)
        465971.27   3770616.81       23.53397  (13062921)              465996.27   3770616.81
22.59220  (13062921)
        466021.27   3770616.81       21.98472  (12080721)              464696.27   3770641.81
21.59401  (16110520)
        464721.27   3770641.81       22.08210  (15061824)              464746.27   3770641.81
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23.46411  (12111801)
        464971.27   3770691.81       24.31769  (13051321)               464996.27   3770691.81
24.61667  (13051321)
        465021.27   3770691.81       24.93143  (16061822)               464696.27   3770716.81
21.04191  (12090901)
        464721.27   3770716.81       21.87112  (15081422)               464746.27   3770716.81
22.41025  (15081422)
        464771.27   3770716.81       22.49009  (15081422)               464796.27   3770716.81
23.04895  (15081422)
        464821.27   3770716.81       22.44952  (16102921)               464846.27   3770716.81
22.38190  (15060920)
        464871.27   3770716.81       22.79987  (11070903)               464896.27   3770716.81
23.36576  (11070903)
        464921.27   3770716.81       23.14339  (11070903)               464946.27   3770716.81
23.47872  (13051321)
        464971.27   3770716.81       24.11392  (13051321)               464996.27   3770716.81
24.44568  (16061822)
        465021.27   3770716.81       24.73689  (16061822)               464696.27   3770741.81
20.77131  (15081422)
        464721.27   3770741.81       21.98013  (15081422)               464746.27   3770741.81
22.38881  (15081422)
        464771.27   3770741.81       22.23715  (15081422)               464796.27   3770741.81
22.69869  (16102921)
        464821.27   3770741.81       22.55687  (16102921)               464846.27   3770741.81
22.14728  (16072803)
        464871.27   3770741.81       22.66150  (11070903)               464896.27   3770741.81
22.92398  (11070903)
        464921.27   3770741.81       22.97302  (13051321)               464946.27   3770741.81
23.22745  (13051321)
        464971.27   3770741.81       23.74757  (13012218)               464996.27   3770741.81
24.34003  (16061822)
        465021.27   3770741.81       24.28399  (16061822)               464696.27   3770766.81
20.73869  (15081422)
        464721.27   3770766.81       21.71841  (15081422)               464746.27   3770766.81
22.04315  (15081422)
        464771.27   3770766.81       21.73519  (16102921)               464796.27   3770766.81
22.69323  (16102921)
        464821.27   3770766.81       22.45873  (16072803)               464846.27   3770766.81
21.89603  (11070903)
        464871.27   3770766.81       22.28562  (16082302)               464896.27   3770766.81
22.83083  (15102521)
        464921.27   3770766.81       22.71827  (13051321)               464946.27   3770766.81
22.77862  (16022306)
        464971.27   3770766.81       23.53914  (16061822)               464996.27   3770766.81
23.97607  (16061822)
        465021.27   3770766.81       24.11707  (12081122)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
      ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

               PAGE 162
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0002805    , L0002806    , L0002807    ,
L0002808    , L0002809    ,
                L0002810    , L0002811    , L0002812    , L0002813    , L0002814    , L0002815    ,
L0002816    , L0002817    ,
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L0002818 , L0002819 , L0002820 , L0002821 , L0002822 , L0002823 , L0002824 , L0002825 ,
L0002826 , L0002827 , L0002828 , L0002829 , L0002830 , L0002831 , L0002832 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465946.27	3769266.81	43.21522	(13041207)	465971.27	3769266.81	39.82256	(15013017)
465996.27	3769266.81	39.80950	(15013017)	466021.27	3769266.81	38.74164	(15013017)
466046.27	3769266.81	36.77772	(15013017)	466071.27	3769266.81	34.16734	(15013017)
466096.27	3769266.81	31.58131	(15062506)	466121.27	3769266.81	31.09502	(15062506)
466146.27	3769266.81	30.62294	(15062506)	466171.27	3769266.81	30.15749	(15062506)
466196.27	3769266.81	29.69347	(15062506)	465946.27	3769291.81	42.27823	(13041207)
465971.27	3769291.81	42.41021	(15013017)	465996.27	3769291.81	41.62074	(15013017)
466021.27	3769291.81	39.72409	(15013017)	466046.27	3769291.81	37.03746	(15013017)
466071.27	3769291.81	33.84824	(15013017)	466096.27	3769291.81	32.90927	(15062506)
466121.27	3769291.81	32.38469	(15062506)	466146.27	3769291.81	31.87951	(15062506)
466171.27	3769291.81	31.37429	(15062506)	466196.27	3769291.81	30.87401	(15062506)
465946.27	3769316.81	45.21621	(15013017)	465971.27	3769316.81	44.72826	(15013017)
465996.27	3769316.81	42.98612	(15013017)	466021.27	3769316.81	40.22978	(15013017)
466046.27	3769316.81	36.83755	(15013017)	466071.27	3769316.81	34.91378	(15062506)
466096.27	3769316.81	34.32121	(15062506)	466121.27	3769316.81	33.75257	(15062506)
466146.27	3769316.81	33.21210	(15062506)	466171.27	3769316.81	32.66759	(15062506)
466196.27	3769316.81	32.12724	(15062506)	465946.27	3769341.81	48.11073	(15013017)
465971.27	3769341.81	46.52642	(15013017)	465996.27	3769341.81	43.78867	(15013017)
466021.27	3769341.81	40.19794	(15013017)	466046.27	3769341.81	37.13184	(15062506)
466071.27	3769341.81	36.47943	(15062506)	466096.27	3769341.81	35.83108	(15062506)
466121.27	3769341.81	35.21322	(15062506)	466146.27	3769341.81	34.63256	(15062506)
466171.27	3769341.81	34.04538	(15062506)	466196.27	3769341.81	33.46294	(15062506)
465946.27	3769366.81	50.52893	(15013017)	465971.27	3769366.81	47.75048	(15013017)
465996.27	3769366.81	43.98609	(15013017)	466021.27	3769366.81		

39.62364 (15013017)
        466046.27   3769366.81   38.87238 (15062506)   466071.27   3769366.81
38.15772 (15062506)
        466096.27   3769366.81   37.45604 (15062506)   466121.27   3769366.81
36.78742 (15062506)
        466146.27   3769366.81   36.15585 (15062506)   466171.27   3769366.81
35.51868 (15062506)
        466196.27   3769366.81   34.88889 (15062506)   464696.27   3770066.81
82.57495 (16092824)
        464721.27   3770066.81   84.91433 (13101821)   464746.27   3770066.81
87.98981 (12091322)
        464771.27   3770066.81   91.84497 (12091322)   464796.27   3770066.81
96.89345 (12091322)
        464821.27   3770066.81   103.50704 (12091322)   464846.27   3770066.81
108.40761 (12091322)
        464871.27   3770066.81   112.30161 (12091322)   464896.27   3770066.81
116.51217 (12091322)
        464921.27   3770066.81   121.71018 (12091322)   464946.27   3770066.81
125.03207 (12091322)
        464971.27   3770066.81   123.27388 (12091322)   464996.27   3770066.81
122.67959 (15031421)
        465021.27   3770066.81   125.17677 (15031421)   464696.27   3770091.81
84.30525 (12091322)
        464721.27   3770091.81   86.42838 (12091322)   464746.27   3770091.81
88.97608 (12091322)
        464771.27   3770091.81   92.20256 (12091322)   464796.27   3770091.81
96.88624 (12091322)
        464821.27   3770091.81   103.52354 (12091322)   464846.27   3770091.81
108.52130 (12091322)
        464871.27   3770091.81   112.11343 (12091322)   464896.27   3770091.81
116.72535 (12070903)
        464921.27   3770091.81   121.82408 (12112420)   464946.27   3770091.81
126.51854 (12112420)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - - - - -

```
        464971.27   3770091.81      126.39021  (12112420)              464996.27   3770091.81
124.51424  (12112420)
        465021.27   3770091.81      125.96617  (12093021)              464696.27   3770116.81
85.02698  (12091322)
        464721.27   3770116.81       86.82206  (12091322)              464746.27   3770116.81
88.72576  (12091322)
        464771.27   3770116.81       91.19965  (12070903)              464796.27   3770116.81
95.16555  (12070903)
        464821.27   3770116.81      101.35877  (12112420)              464846.27   3770116.81
106.76059  (12112420)
        464871.27   3770116.81      111.26799  (12112420)              464896.27   3770116.81
115.63940  (12112420)
        464921.27   3770116.81      119.82297  (12112420)              464946.27   3770116.81
123.63131  (12112420)
        464971.27   3770116.81      125.92772  (15021421)              464996.27   3770116.81
125.18514  (15021421)
        465021.27   3770116.81      124.77161  (12092322)              465046.27   3770116.81
129.05779  (12092322)
        465071.27   3770116.81      134.31964  (12092322)              464696.27   3770141.81
85.40790  (12070903)
        464721.27   3770141.81       87.52909  (12112420)              464746.27   3770141.81
90.00217  (12112420)
        464771.27   3770141.81       92.86169  (12112420)              464796.27   3770141.81
95.95533  (12112420)
        464821.27   3770141.81      100.59966  (12112420)              464846.27   3770141.81
105.08527  (12112420)
        464871.27   3770141.81      108.73901  (12112420)              464896.27   3770141.81
113.43967  (15021421)
        464921.27   3770141.81      117.90517  (15021421)              464946.27   3770141.81
121.75713  (15021421)
        464971.27   3770141.81      124.99425  (15042922)              464996.27   3770141.81
125.17645  (15042922)
        465021.27   3770141.81      123.97276  (15042922)              465046.27   3770141.81
127.27222  (16111320)
        465071.27   3770141.81      133.52062  (12091601)              464696.27   3770166.81
86.67243  (12112420)
        464721.27   3770166.81       88.85516  (12112420)              464746.27   3770166.81
91.17347  (12112420)
        464771.27   3770166.81       93.48675  (12112420)              464796.27   3770166.81
95.76674  (15021421)
        464821.27   3770166.81       99.48214  (15021421)              464846.27   3770166.81
103.52422  (15021421)
        464871.27   3770166.81      107.30620  (15021421)              464896.27   3770166.81
111.41323  (15042922)
        464921.27   3770166.81      115.74969  (15042922)              464946.27   3770166.81
119.38588  (15042922)
        464971.27   3770166.81      122.23248  (16111320)              464996.27   3770166.81
123.33749  (16111320)
        465021.27   3770166.81      124.06280  (13031221)              465046.27   3770166.81
127.71854  (15102321)
        465071.27   3770166.81      133.05716  (13100621)              464696.27   3770191.81
87.09326  (12112420)
        464721.27   3770191.81       89.48569  (15021421)              464746.27   3770191.81
92.26333  (15021421)
        464771.27   3770191.81       94.89672  (15021421)              464796.27   3770191.81
97.04487  (15021421)
        464821.27   3770191.81       99.38257  (15042922)              464846.27   3770191.81
102.64161  (15042922)
        464871.27   3770191.81      106.31191  (15042922)              464896.27   3770191.81
109.78807  (15042922)
        464921.27   3770191.81      113.67499  (16111320)              464946.27   3770191.81
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117.34964 (16111320)
        464971.27   3770191.81   120.66098 (13031221)   464996.27   3770191.81
122.65661 (15102321)
        465021.27   3770191.81   124.36807 (13100621)   465046.27   3770191.81
127.84513 (13100621)
        465071.27   3770191.81   133.57578 (16091920)   465096.27   3770191.81
140.01778 (16091920)
        465121.27   3770191.81   146.95903 (15070102)   464696.27   3770216.81
89.20760 (15021421)
        464721.27   3770216.81   91.46581 (15021421)   464746.27   3770216.81
93.54835 (15042922)
        464771.27   3770216.81   96.19063 (15042922)   464796.27   3770216.81
98.53096 (15042922)
        464821.27   3770216.81   100.57504 (15042922)   464846.27   3770216.81
102.91336 (16111320)
        464871.27   3770216.81   106.54503 (16111320)   464896.27   3770216.81
109.82974 (16111320)
        464921.27   3770216.81   113.82964 (13031221)   464946.27   3770216.81
117.63016 (15102321)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - - -
        464971.27   3770216.81   120.86313 (13100621)   464996.27   3770216.81
123.21764 (13100621)
        465021.27   3770216.81   125.46251 (16091920)   465046.27   3770216.81
129.84638 (16091920)
        465071.27   3770216.81   134.87152 (16091920)   465096.27   3770216.81
141.15311 (15070102)
        465121.27   3770216.81   146.29102 (16102323)   464696.27   3770241.81
89.77590 (15042922)
        464721.27   3770241.81   92.69136 (15042922)   464746.27   3770241.81
94.99651 (15042922)
        464771.27   3770241.81   97.15921 (15042922)   464796.27   3770241.81
99.59377 (16111320)
        464821.27   3770241.81   101.89389 (16111320)   464846.27   3770241.81
103.80347 (13031221)

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        464871.27   3770241.81      107.32755  (13031221)              464896.27   3770241.81
110.49154  (15102321)
        464921.27   3770241.81      113.91494  (13100621)              464946.27   3770241.81
117.18000  (13100621)
        464971.27   3770241.81      120.67959  (16091920)              464996.27   3770241.81
124.87868  (16091920)
        465021.27   3770241.81      126.34599  (16091920)              465046.27   3770241.81
130.09838  (15070102)
        465071.27   3770241.81      135.08936  (15070102)              465096.27   3770241.81
141.23228  (16102323)
        465121.27   3770241.81      146.62099  (13051221)              464696.27   3770266.81
88.79813  (15042922)
        464721.27   3770266.81       90.90167  (16111320)              464746.27   3770266.81
93.27894  (16111320)
        464771.27   3770266.81       95.42366  (16111320)              464796.27   3770266.81
97.75988  (13031221)
        464821.27   3770266.81      101.00256  (13031221)              464846.27   3770266.81
103.05758  (15102321)
        464871.27   3770266.81      105.61464  (13100621)              464896.27   3770266.81
109.57905  (13100621)
        464921.27   3770266.81      112.48473  (16091920)              464946.27   3770266.81
115.62643  (16091920)
        464971.27   3770266.81      119.68226  (16091920)              464996.27   3770266.81
122.62847  (15070102)
        465021.27   3770266.81      124.44568  (15070102)              465046.27   3770266.81
128.06144  (16102323)
        465071.27   3770266.81      133.50283  (16102323)              465096.27   3770266.81
138.21721  (13051221)
        465121.27   3770266.81      143.06041  (13051221)              464696.27   3770291.81
88.46954  (16111320)
        464721.27   3770291.81       90.30106  (16111320)              464746.27   3770291.81
92.57735  (13031221)
        464771.27   3770291.81       94.67416  (13031221)              464796.27   3770291.81
96.90018  (15102321)
        464821.27   3770291.81      100.91400  (13100621)              464846.27   3770291.81
102.92006  (13100621)
        464871.27   3770291.81      104.75507  (16091920)              464896.27   3770291.81
110.76046  (16091920)
        464921.27   3770291.81      113.71338  (16091920)              464946.27   3770291.81
114.42564  (15070102)
        464971.27   3770291.81      119.13938  (15070102)              464996.27   3770291.81
120.73869  (15070102)
        465021.27   3770291.81      122.07807  (16102323)              465046.27   3770291.81
125.60657  (16102323)
        465071.27   3770291.81      130.64680  (13051221)              465096.27   3770291.81
134.71222  (13051221)
        465121.27   3770291.81      137.03498  (15090824)              464696.27   3770316.81
87.78565  (13031221)
        464721.27   3770316.81       89.77966  (13031221)              464746.27   3770316.81
91.84703  (15102321)
        464771.27   3770316.81       93.59238  (13100621)              464796.27   3770316.81
95.95194  (13100621)
        464821.27   3770316.81      100.37359  (15102622)              464846.27   3770316.81
103.31689  (16091920)
        464871.27   3770316.81      105.87246  (16091920)              464896.27   3770316.81
111.13126  (16091920)
        464921.27   3770316.81      113.75363  (15070102)              464946.27   3770316.81
114.09336  (15070102)
        464971.27   3770316.81      117.85168  (16102323)              464996.27   3770316.81
119.65050  (16102323)
        465021.27   3770316.81      119.04585  (13051221)              465046.27   3770316.81
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121.30410 (13051221)
        465071.27   3770316.81   122.68989 (11103022)   465096.27   3770316.81
127.12315 (15090824)
        465121.27   3770316.81   129.76155 (15090824)   464696.27   3770341.81
86.20712 (15102321)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - - -
        464721.27   3770341.81   88.00586 (13100621)   464746.27   3770341.81
89.91203 (13100621)
        464771.27   3770341.81   91.23749 (13100621)   464796.27   3770341.81
94.73899 (16091920)
        464821.27   3770341.81   100.51603 (16091920)   464846.27   3770341.81
102.96666 (16091920)
        464871.27   3770341.81   104.97191 (15070102)   464896.27   3770341.81
110.34621 (15070102)
        464921.27   3770341.81   112.17667 (15070102)   464946.27   3770341.81
113.01726 (16102323)
        464971.27   3770341.81   116.90525 (16102323)   464996.27   3770341.81
117.23756 (13051221)
        465021.27   3770341.81   116.83673 (13051221)   465046.27   3770341.81
113.81246 (11103022)
        465071.27   3770341.81   113.01552 (15090824)   465096.27   3770341.81
116.05355 (15090824)
        465121.27   3770341.81   117.82327 (15090824)   464696.27   3770366.81
85.62454 (13100621)
        464721.27   3770366.81   87.04297 (13100621)   464746.27   3770366.81
89.20902 (16091920)
        464771.27   3770366.81   91.15280 (16091920)   464796.27   3770366.81
93.69483 (16091920)
        464821.27   3770366.81   98.77250 (15070102)   464846.27   3770366.81
102.27831 (15070102)
        464871.27   3770366.81   103.91557 (15070102)   464896.27   3770366.81
108.53385 (16102323)
        464921.27   3770366.81   111.81274 (16102323)   464946.27   3770366.81
111.65324 (16102323)

```
       464971.27   3770366.81      115.59147  (13051221)               464996.27   3770366.81
115.23038  (13051221)
       465021.27   3770366.81      113.24237  (11103022)               464696.27   3770391.81
85.61436  (16091920)
       464721.27   3770391.81       87.88933  (16091920)               464746.27   3770391.81
89.82596  (16091920)
       464771.27   3770391.81       90.62961  (16091920)               464796.27   3770391.81
92.72523  (15070102)
       464821.27   3770391.81       98.18546  (15070102)               464846.27   3770391.81
100.43042  (12051702)
       464871.27   3770391.81      103.06059  (16102323)               464896.27   3770391.81
107.89423  (16102323)
       464921.27   3770391.81      109.84566  (13051221)               464946.27   3770391.81
111.10139  (13051221)
       464971.27   3770391.81      113.66384  (13051221)               464996.27   3770391.81
112.21891  (11103022)
       465021.27   3770391.81      111.34096  (15090824)               464696.27   3770416.81
85.00296  (16091920)
       464721.27   3770416.81       86.50631  (16091920)               464746.27   3770416.81
88.06937  (15070102)
       464771.27   3770416.81       89.30940  (15070102)               464796.27   3770416.81
91.48633  (15070102)
       464821.27   3770416.81       96.75746  (16102323)               464846.27   3770416.81
100.27456  (16102323)
       464871.27   3770416.81      101.89252  (16102323)               464896.27   3770416.81
106.08672  (13051221)
       464921.27   3770416.81      109.06049  (13051221)               464946.27   3770416.81
109.44859  (11103022)
       464971.27   3770416.81      112.48051  (11103022)               464996.27   3770416.81
111.29546  (15090824)
       465021.27   3770416.81      109.75577  (15090824)               464696.27   3770441.81
84.10777  (15070102)
       464721.27   3770441.81       85.95309  (15070102)               464746.27   3770441.81
87.46146  (15070102)
       464771.27   3770441.81       87.91326  (12051702)               464796.27   3770441.81
90.84312  (16102323)
       464821.27   3770441.81       96.29335  (16102323)               464846.27   3770441.81
98.48843  (16102323)
       464871.27   3770441.81      100.67092  (13051221)               464896.27   3770441.81
104.75655  (13051221)
       464921.27   3770441.81      106.81509  (11103022)               464946.27   3770441.81
107.55962  (11103022)
       464971.27   3770441.81      111.96127  (15090824)               464996.27   3770441.81
110.04828  (15090824)
       465021.27   3770441.81      106.92203  (15090824)               465871.27   3770441.81
124.36310  (13062921)
       465896.27   3770441.81      118.97899  (13062921)               465921.27   3770441.81
116.17733  (13082921)
       465946.27   3770441.81      109.77641  (12091920)               465971.27   3770441.81
98.72011  (16062021)
       465996.27   3770441.81       93.03545  (16062021)               466021.27   3770441.81
90.19418  (12091519)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

               PAGE 166
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
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GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0002805   , L0002806   , L0002807   ,
L0002808   , L0002809   ,
                L0002810   , L0002811   , L0002812   , L0002813   , L0002814   , L0002815   ,
L0002816   , L0002817   ,
                L0002818   , L0002819   , L0002820   , L0002821   , L0002822   , L0002823   ,
L0002824   , L0002825   ,
                L0002826   , L0002827   , L0002828   , L0002829   , L0002830   , L0002831   ,
L0002832   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - -
        464696.27   3770466.81   84.81399 (15070102)   464721.27   3770466.81
85.74097 (15070102)
        464746.27   3770466.81   87.42274 (12051702)   464771.27   3770466.81
88.66109 (16102323)
        464796.27   3770466.81   90.27666 (16102323)   464821.27   3770466.81
94.45627 (13051221)
        464846.27   3770466.81   97.60875 (13051221)   464871.27   3770466.81
98.96505 (13051221)
        464896.27   3770466.81   102.75231 (11103022)   464921.27   3770466.81
104.16038 (11103022)
        464946.27   3770466.81   106.58878 (15090824)   464971.27   3770466.81
110.25236 (15090824)
        464996.27   3770466.81   107.16568 (12081301)   465021.27   3770466.81
103.94004 (13031223)
        465871.27   3770466.81   121.48906 (13062921)   465896.27   3770466.81
119.78467 (13062921)
        465921.27   3770466.81   116.54696 (12080721)   465946.27   3770466.81
111.06097 (13082921)
        465971.27   3770466.81   100.03913 (15062822)   465996.27   3770466.81
93.21035 (16062021)
        466021.27   3770466.81   89.92167 (12081623)   464696.27   3770491.81
83.02763 (12051702)
        464721.27   3770491.81   84.79568 (16102323)   464746.27   3770491.81
86.65766 (16102323)
        464771.27   3770491.81   87.21170 (16102323)   464796.27   3770491.81
89.34545 (13051221)
        464821.27   3770491.81   94.19308 (13051221)   464846.27   3770491.81
95.50900 (13051221)
        464871.27   3770491.81   97.15001 (11103022)   464896.27   3770491.81
100.23135 (15090824)
        464921.27   3770491.81   103.26832 (15090824)   464946.27   3770491.81
104.41013 (15090824)
        464971.27   3770491.81   106.68298 (12081301)   464996.27   3770491.81
104.15864 (13031223)
        465021.27   3770491.81   102.78918 (15090204)   465871.27   3770491.81
115.81044 (11082520)
        465896.27   3770491.81   115.04780 (13062921)   465921.27   3770491.81
112.13643 (13062921)
        465946.27   3770491.81   107.45511 (12080721)   465971.27   3770491.81
100.31736 (13082921)
        465996.27   3770491.81   95.17724 (15062822)   466021.27   3770491.81
89.55163 (12081623)

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       464696.27   3770516.81       82.53423  (16102323)               464721.27   3770516.81
83.91801  (16102323)
       464746.27   3770516.81       84.76664  (16102323)               464771.27   3770516.81
86.39107  (13051221)
       464796.27   3770516.81       88.93091  (13051221)               464821.27   3770516.81
92.60163  (11103022)
       464846.27   3770516.81       94.09828  (11103022)               464871.27   3770516.81
95.14687  (15090824)
       464896.27   3770516.81       99.61403  (15090824)               464921.27   3770516.81
101.07545  (15090824)
       464946.27   3770516.81      100.97456  (12081301)               464971.27   3770516.81
103.15200  (13031223)
       464996.27   3770516.81      102.38854  (15090204)               465021.27   3770516.81
101.63058  (15060920)
       465871.27   3770516.81      111.76873  (11070304)               465896.27   3770516.81
108.74676  (13062921)
       465921.27   3770516.81      106.79510  (13062921)               465946.27   3770516.81
101.98499  (13062921)
       465971.27   3770516.81       97.62158  (12080721)               465996.27   3770516.81
94.96438  (13082921)
       466021.27   3770516.81       89.41970  (15062822)               464696.27   3770541.81
82.71100  (16102323)
       464721.27   3770541.81       83.33123  (13051221)               464746.27   3770541.81
85.40441  (13051221)
       464771.27   3770541.81       86.28673  (13051221)               464796.27   3770541.81
88.18454  (11103022)
       464821.27   3770541.81       91.78750  (11103022)               464846.27   3770541.81
92.46449  (15090824)
       464871.27   3770541.81       94.30838  (15090824)               464896.27   3770541.81
97.15161  (15090824)
       464921.27   3770541.81       97.61131  (12081301)               464946.27   3770541.81
97.49427  (13031223)
       464971.27   3770541.81      100.22616  (15090204)               464996.27   3770541.81
100.58996  (15060920)
       465021.27   3770541.81       99.88294  (15060920)               465871.27   3770541.81
111.07140  (11070304)
       465896.27   3770541.81      108.07868  (11070304)               465921.27   3770541.81
103.42559  (13062921)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

               PAGE 167
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0002805    , L0002806    , L0002807    ,
L0002808    , L0002809    ,
                L0002810    , L0002811    , L0002812    , L0002813    , L0002814    , L0002815    ,
L0002816    , L0002817    ,
                L0002818    , L0002819    , L0002820    , L0002821    , L0002822    , L0002823    ,
L0002824    , L0002825    ,
                L0002826    , L0002827    , L0002828    , L0002829    , L0002830    , L0002831    ,
L0002832    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465946.27	3770541.81	97.43233	(13062921)	465971.27	3770541.81	93.44755	(12080721)
465996.27	3770541.81	92.33424	(13082921)	466021.27	3770541.81	87.92109	(12091920)
464696.27	3770566.81	81.94689	(13051221)	464721.27	3770566.81	83.20191	(13051221)
464746.27	3770566.81	84.33664	(13051221)	464771.27	3770566.81	85.53854	(11103022)
464796.27	3770566.81	87.39689	(11103022)	464821.27	3770566.81	90.84161	(15090824)
464846.27	3770566.81	91.79887	(15090824)	464871.27	3770566.81	92.15728	(15090824)
464896.27	3770566.81	93.42456	(12081301)	464921.27	3770566.81	93.85461	(13031223)
464946.27	3770566.81	94.68573	(15090204)	464971.27	3770566.81	97.17599	(15090204)
464996.27	3770566.81	98.04837	(15060920)	465021.27	3770566.81	98.25559	(11070903)
465871.27	3770566.81	110.34737	(12101719)	465896.27	3770566.81	107.20858	(11070304)
465921.27	3770566.81	100.21566	(16062724)	465946.27	3770566.81	94.43838	(13062921)
465971.27	3770566.81	90.34961	(13062921)	465996.27	3770566.81	88.61354	(12080721)
466021.27	3770566.81	85.84457	(13082921)	464696.27	3770591.81	81.35481	(13051221)
464721.27	3770591.81	81.79461	(13051221)	464746.27	3770591.81	83.54174	(11103022)
464771.27	3770591.81	84.44712	(11103022)	464796.27	3770591.81	87.14011	(15090824)
464821.27	3770591.81	90.63127	(15090824)	464846.27	3770591.81	90.25017	(15090824)
464871.27	3770591.81	89.91408	(12081301)	464896.27	3770591.81	90.45730	(13031223)
464921.27	3770591.81	91.49740	(15090204)	464946.27	3770591.81	93.12293	(15090204)
464971.27	3770591.81	94.83457	(15060920)	464996.27	3770591.81	96.06866	(11070903)
465021.27	3770591.81	96.44581	(11070903)	465871.27	3770591.81	108.25648	(12101719)
465896.27	3770591.81	104.33910	(11070304)	465921.27	3770591.81	98.35361	(11070304)
465946.27	3770591.81	92.82589	(13062921)	465971.27	3770591.81	89.36462	(13062921)
465996.27	3770591.81	86.22421	(13062921)	466021.27	3770591.81	84.53112	(12080721)
464696.27	3770616.81	82.43040	(13090622)	464721.27	3770616.81	82.72516	(11103022)
464746.27	3770616.81	83.66515	(11103022)	464771.27	3770616.81	85.33492	(15090824)
464796.27	3770616.81	87.43783	(15090824)	464821.27	3770616.81	89.66106	(15090824)
464846.27	3770616.81	88.80341	(12081301)	464871.27	3770616.81	88.92108	(13031223)
464896.27	3770616.81	89.83339	(15090204)	464921.27	3770616.81	91.51451	(15090204)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002805 , L0002806 , L0002807 , L0002808 , L0002809 , L0002810 , L0002811 , L0002812 , L0002813 , L0002814 , L0002815 , L0002816 , L0002817 , L0002818 , L0002819 , L0002820 , L0002821 , L0002822 , L0002823 , L0002824 , L0002825 , L0002826 , L0002827 , L0002828 , L0002829 , L0002830 , L0002831 , L0002832 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464946.27	3770616.81	92.87185	(15060920)	464971.27	3770616.81	94.15904	(11070903)
464996.27	3770616.81	95.33045	(11070903)	465021.27	3770616.81	95.36664	(13051321)
465871.27	3770616.81	105.44523	(12101719)	465896.27	3770616.81	102.29553	(12101719)
465921.27	3770616.81	97.06854	(11070304)	465946.27	3770616.81	91.93461	(11082520)
465971.27	3770616.81	89.24736	(13062921)	465996.27	3770616.81	86.48852	(13062921)
466021.27	3770616.81	84.25519	(12080721)	464696.27	3770641.81	84.84350	(13090622)
464721.27	3770641.81	85.08309	(16110520)	464746.27	3770641.81	85.99946	(15061824)
464771.27	3770641.81	86.27326	(15090824)	464796.27	3770641.81	86.47020	(15090824)
464821.27	3770641.81	87.85695	(12081301)	464846.27	3770641.81	88.20060	(15081422)
464871.27	3770641.81	88.53704	(13031223)	464896.27	3770641.81	90.19133	(15090204)
464921.27	3770641.81	91.28851	(15060920)	464946.27	3770641.81	92.33112	(11070903)
464971.27	3770641.81	93.86386	(11070903)	464996.27	3770641.81	93.80928	(13051321)
465021.27	3770641.81	94.84258	(13051321)	464696.27	3770666.81	82.69632	(15061824)
464721.27	3770666.81	84.67134	(15061824)	464746.27	3770666.81	84.85503	(15090824)
464771.27	3770666.81	84.77740	(15090824)	464796.27	3770666.81	85.65255	(15081422)
464821.27	3770666.81	86.79082	(15081422)	464846.27	3770666.81	85.89791	(15081422)
464871.27	3770666.81	87.28608	(15090204)	464896.27	3770666.81		

88.36739 (15060920)
        464921.27   3770666.81   88.79018 (11070903)   464946.27   3770666.81
90.11773 (11070903)
        464971.27   3770666.81   90.71152 (11070903)   464996.27   3770666.81
92.54140 (13051321)
        465021.27   3770666.81   92.86430 (13051321)   464696.27   3770691.81
81.91830 (15061824)
        464721.27   3770691.81   83.87521 (12090901)   464746.27   3770691.81
84.56879 (12090901)
        464771.27   3770691.81   85.04299 (15081422)   464796.27   3770691.81
87.48262 (15081422)
        464821.27   3770691.81   86.48157 (15081422)   464846.27   3770691.81
85.08956 (15090204)
        464871.27   3770691.81   86.33379 (15060920)   464896.27   3770691.81
87.22722 (15060920)
        464921.27   3770691.81   88.04947 (11070903)   464946.27   3770691.81
88.05222 (11070903)
        464971.27   3770691.81   90.02250 (13051321)   464996.27   3770691.81
91.40748 (13051321)
        465021.27   3770691.81   91.58017 (16061822)   464696.27   3770716.81
80.92309 (12090901)
        464721.27   3770716.81   84.03492 (12090901)   464746.27   3770716.81
85.26219 (15081422)
        464771.27   3770716.81   85.75884 (15081422)   464796.27   3770716.81
88.05243 (15081422)
        464821.27   3770716.81   85.63592 (15081422)   464846.27   3770716.81
84.22606 (15060920)
        464871.27   3770716.81   85.46540 (15060920)   464896.27   3770716.81
87.24253 (11070903)
        464921.27   3770716.81   86.90528 (11070903)   464946.27   3770716.81
87.08180 (13051321)
        464971.27   3770716.81   89.56780 (13051321)   464996.27   3770716.81
90.16141 (16022306)
        465021.27   3770716.81   91.09404 (16061822)   464696.27   3770741.81
80.07580 (12090901)
        464721.27   3770741.81   83.76237 (15081422)   464746.27   3770741.81
85.41612 (15081422)
        464771.27   3770741.81   85.21830 (15081422)   464796.27   3770741.81
86.60130 (15081422)
        464821.27   3770741.81   85.34115 (16102921)   464846.27   3770741.81
83.75277 (16072803)
        464871.27   3770741.81   85.06488 (16072803)   464896.27   3770741.81
86.05155 (11070903)
        464921.27   3770741.81   85.25811 (13051321)   464946.27   3770741.81
86.44284 (13051321)
        464971.27   3770741.81   88.03424 (16022306)   464996.27   3770741.81
89.59719 (16061822)
        465021.27   3770741.81   89.80566 (16061822)   464696.27   3770766.81
79.43585 (15081422)
        464721.27   3770766.81   83.08075 (15081422)   464746.27   3770766.81
84.55823 (15081422)
        464771.27   3770766.81   83.43423 (15081422)   464796.27   3770766.81
85.78674 (16102921)
        464821.27   3770766.81   84.80323 (16072803)   464846.27   3770766.81
83.13039 (16072803)
        464871.27   3770766.81   83.89021 (16082302)   464896.27   3770766.81
85.65089 (15102521)
        464921.27   3770766.81   84.59184 (13051321)   464946.27   3770766.81
84.88655 (13051321)
        464971.27   3770766.81   87.45813 (15082522)   464996.27   3770766.81
89.04218 (15082522)

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

GROUP	NETWORK ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
TRUCK1	1ST HIGHEST VALUE IS	3.78046	AT (464971.27, 3770066.81, 331.10, 331.10, 0.00)	DC	
	2ND HIGHEST VALUE IS	3.77334	AT (464996.27, 3770066.81, 330.51, 330.51, 0.00)	DC	
	3RD HIGHEST VALUE IS	3.76491	AT (464946.27, 3770066.81, 331.65, 331.65, 0.00)	DC	
	4TH HIGHEST VALUE IS	3.75578	AT (464921.27, 3770066.81, 331.79, 331.79, 0.00)	DC	
	5TH HIGHEST VALUE IS	3.75044	AT (464896.27, 3770066.81, 331.74, 331.74, 0.00)	DC	
	6TH HIGHEST VALUE IS	3.74420	AT (465021.27, 3770066.81, 330.04, 330.04, 0.00)	DC	
	7TH HIGHEST VALUE IS	3.74213	AT (464871.27, 3770066.81, 331.76, 331.76, 0.00)	DC	
	8TH HIGHEST VALUE IS	3.73252	AT (464846.27, 3770066.81, 331.79, 331.79, 0.00)	DC	
	9TH HIGHEST VALUE IS	3.72458	AT (464821.27, 3770066.81, 331.69, 331.69, 0.00)	DC	
	10TH HIGHEST VALUE IS	3.72134	AT (464796.27, 3770066.81, 331.38, 331.38, 0.00)	DC	
TRUCK2	1ST HIGHEST VALUE IS	3.89273	AT (465021.27, 3770066.81, 330.04, 330.04, 0.00)	DC	
	2ND HIGHEST VALUE IS	3.79082	AT (464971.27, 3770066.81, 331.10, 331.10, 0.00)	DC	
	3RD HIGHEST VALUE IS	3.77376	AT (464996.27, 3770066.81, 330.51, 330.51, 0.00)	DC	
	4TH HIGHEST VALUE IS	3.75599	AT (464946.27, 3770066.81, 331.65, 331.65, 0.00)	DC	
	5TH HIGHEST VALUE IS	3.71446	AT (464921.27, 3770066.81, 331.79, 331.79, 0.00)	DC	
	6TH HIGHEST VALUE IS	3.67567	AT (464896.27, 3770066.81, 331.74, 331.74, 0.00)	DC	
	7TH HIGHEST VALUE IS	3.63766	AT (464871.27, 3770066.81, 331.76, 331.76, 0.00)	DC	
	8TH HIGHEST VALUE IS	3.60303	AT (464846.27, 3770066.81, 331.79, 331.79, 0.00)	DC	
	9TH HIGHEST VALUE IS	3.56799	AT (464821.27, 3770066.81, 331.69, 331.69, 0.00)	DC	

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         10TH HIGHEST VALUE IS       3.52205 AT (  464796.27,  3770066.81,   331.38,   331.38,
0.00)  DC

TRUCK3    1ST HIGHEST VALUE IS       2.16542 AT (  466196.27,  3769366.81,   318.28,   318.28,
0.00)  DC
          2ND HIGHEST VALUE IS       2.13394 AT (  466171.27,  3769366.81,   318.38,   318.38,
0.00)  DC
          3RD HIGHEST VALUE IS       2.09913 AT (  466146.27,  3769366.81,   317.99,   317.99,
0.00)  DC
          4TH HIGHEST VALUE IS       2.05983 AT (  466121.27,  3769366.81,   316.80,   316.80,
0.00)  DC
          5TH HIGHEST VALUE IS       2.04466 AT (  466196.27,  3769341.81,   318.62,   318.62,
0.00)  DC
          6TH HIGHEST VALUE IS       2.02108 AT (  466096.27,  3769366.81,   316.33,   316.33,
0.00)  DC
          7TH HIGHEST VALUE IS       2.01524 AT (  466171.27,  3769341.81,   318.55,   318.55,
0.00)  DC
          8TH HIGHEST VALUE IS       1.98283 AT (  466146.27,  3769341.81,   317.98,   317.98,
0.00)  DC
          9TH HIGHEST VALUE IS       1.98231 AT (  466071.27,  3769366.81,   316.32,   316.32,
0.00)  DC
         10TH HIGHEST VALUE IS       1.94651 AT (  466121.27,  3769341.81,   316.67,   316.67,
0.00)  DC

TRUCK4    1ST HIGHEST VALUE IS       2.24658 AT (  466196.27,  3769366.81,   318.28,   318.28,
0.00)  DC
          2ND HIGHEST VALUE IS       2.24203 AT (  466171.27,  3769366.81,   318.38,   318.38,
0.00)  DC
          3RD HIGHEST VALUE IS       2.23430 AT (  466146.27,  3769366.81,   317.99,   317.99,
0.00)  DC
          4TH HIGHEST VALUE IS       2.22176 AT (  466121.27,  3769366.81,   316.80,   316.80,
0.00)  DC
          5TH HIGHEST VALUE IS       2.20989 AT (  466096.27,  3769366.81,   316.33,   316.33,
0.00)  DC
          6TH HIGHEST VALUE IS       2.19800 AT (  466071.27,  3769366.81,   316.32,   316.32,
0.00)  DC
          7TH HIGHEST VALUE IS       2.18366 AT (  466046.27,  3769366.81,   316.20,   316.20,
0.00)  DC
          8TH HIGHEST VALUE IS       2.16614 AT (  466021.27,  3769366.81,   315.83,   315.83,
0.00)  DC
          9TH HIGHEST VALUE IS       2.14496 AT (  465996.27,  3769366.81,   315.14,   315.14,
0.00)  DC
         10TH HIGHEST VALUE IS       2.11828 AT (  465971.27,  3769366.81,   313.82,   313.82,
0.00)  DC
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

               PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                        **

     NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF
TYPE  GRID-ID
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          9TH HIGHEST VALUE IS       2.64840 AT (  465121.27,  3770191.81,   331.53,   331.53,
0.00)  DC
         10TH HIGHEST VALUE IS       2.60969 AT (  466021.27,  3770466.81,   330.98,   330.98,
0.00)  DC

ALL       1ST HIGHEST VALUE IS      16.53387 AT (  465021.27,  3770066.81,   330.04,   330.04,
0.00)  DC
          2ND HIGHEST VALUE IS      16.08795 AT (  465071.27,  3770116.81,   330.44,   330.44,
0.00)  DC
          3RD HIGHEST VALUE IS      15.74060 AT (  464996.27,  3770066.81,   330.51,   330.51,
0.00)  DC
          4TH HIGHEST VALUE IS      15.55011 AT (  465021.27,  3770091.81,   330.42,   330.42,
0.00)  DC
          5TH HIGHEST VALUE IS      15.36406 AT (  465046.27,  3770116.81,   330.54,   330.54,
0.00)  DC
          6TH HIGHEST VALUE IS      15.19533 AT (  465071.27,  3770141.81,   330.89,   330.89,
0.00)  DC
          7TH HIGHEST VALUE IS      15.09666 AT (  464971.27,  3770066.81,   331.10,   331.10,
0.00)  DC
          8TH HIGHEST VALUE IS      14.84262 AT (  464996.27,  3770091.81,   330.99,   330.99,
0.00)  DC
          9TH HIGHEST VALUE IS      14.80566 AT (  465121.27,  3770191.81,   331.53,   331.53,
0.00)  DC
         10TH HIGHEST VALUE IS      14.70363 AT (  465021.27,  3770116.81,   330.77,   330.77,
0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

               PAGE 171
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

                                                        DATE
                      NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - -

TRUCK1   HIGH   1ST HIGH VALUE IS      11.51591  ON 15062506: AT (  464896.27,  3770066.81,   331.74,
 331.74,    0.00)  DC

TRUCK2   HIGH   1ST HIGH VALUE IS      13.15341  ON 12112420: AT (  464946.27,  3770066.81,   331.65,
 331.65,    0.00)  DC

TRUCK3   HIGH   1ST HIGH VALUE IS       7.78025  ON 12093021: AT (  465121.27,  3770241.81,   332.58,
 332.58,    0.00)  DC

TRUCK4   HIGH   1ST HIGH VALUE IS      11.06149  ON 12092322: AT (  465121.27,  3770241.81,   332.58,
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 332.58,    0.00)  DC

YTRK     HIGH   1ST HIGH VALUE IS      40.08215  ON 13051221: AT (  465121.27,  3770241.81,   332.58,
 332.58,    0.00)  DC

LIFT     HIGH   1ST HIGH VALUE IS      40.08215  ON 13051221: AT (  465121.27,  3770241.81,   332.58,
 332.58,    0.00)  DC

IDLE     HIGH   1ST HIGH VALUE IS      39.98018  ON 13051221: AT (  465121.27,  3770241.81,   332.58,
 332.58,    0.00)  DC

ALL      HIGH   1ST HIGH VALUE IS     146.95903  ON 15070102: AT (  465121.27,  3770191.81,   331.53,
 331.53,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Alice-Willow Ops\Alice-Willow Ops.isc
     ***        01/11/23
 *** AERMET - VERSION  16216 ***   *** Alice-Willow Warehouse - Operational HRA
     ***        15:16:13

               PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of          838 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of           40 Calm Hours Identified

 A Total of          798 Missing Hours Identified (  1.82 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    2408       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
 ME W187    2408       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
 MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12010216
 MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12042516
 MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =                    12113003
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:      15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:    1 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
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Appendix B
Biological Attachments

Plant Species

Gymnosperms

PINACEAE – PINE FAMILY

* *Pinus* sp. – pine tree

Angiosperms (Dicots)

ANACARDIACEAE – SUMAC FAMILY

* *Schinus molle* – Peruvian pepper tree

AMARANTHACEAE – AMARANTH FAMILY

* *Kali tragus* – prickly Russian thistle

ASTERACEAE – SUNFLOWER FAMILY

* *Helianthus* spp. – sunflower
* *Taraxacum officinale* – dandelion

SIMAROUBACEAE

* *Ailanthus altissima* – tree of heaven

MORACEAE – FIG FAMILY

* *Ficus* spp. – fig tree

BRASSICACEAE – MUSTARD FAMILY

* *Hirschfeldia incana* – short-pod mustard

FABACEAE – LEGUME FAMILY

* *Melilotus officialis* – sweet yellow clover

ARECACEAE – PALM FAMILY

* *Washingtonia robusta* – Mexcican fan palm

MALVACEAE – MALLOW FAMILY

* *Malva parviflora* – cheeswweed

NYCTAGINACEAE – FOUR O' CLOCK FAMILY

* *Bougainvillea* sp. – Bougainvillea tree

CUPESSACEAE – CYPRESS FAMILY

* *Cupressus sempervirens* – Italian cypress

MYTACEAE – MYRTLE FAMILY

* *Eucalyptus* spp. – *Eucalyptus* tree

POACEAE – PERRENIAL GRASS FAMILY

* *Cynodon dactylon* – Bermuda grass
* *Schismus* spp. – Mediterranean grass
* *Stipa tenuissima* – Mexican feathergrass

Wildlife Species – Vertebrates

Birds

ACCIPITRIDAE – HAWKS

Buteo jamaicensis – red-tailed hawk

COLUMBIDAE – PIGEONS AND DOVES

* *Columbia livia* – rock pigeon

CORVIDAE – JAYS AND CROWS

Corvus corax – common raven

FRINGILLIDAE – FINCHES

Carduelis psaltria – lesser goldfinch

PARULIDAE – WOOD WARBLERS

Setophaga coronata – yellow-rumped warblers

TYRANNIDAE – TYRANT FLYCATCHERS

Sayornis nigricans – black phoebe

Mammals

FELIDAE – CATS

* *Felis catus*– house cat

* signifies introduced (non-native) species

INTENTIONALLY LEFT BLANK

Scientific Name	Common Name	Status (Federal/ State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Abronia villosa var. *aurita*	chaparral sand-verbena	None/None/1B.1	Chaparral, Coastal scrub, Desert dunes; Sandy/annual herb/(Jan)Mar–Sep/ 245–5,245	Not expected to occur. No suitable habitat present.
Allium howellii var. *clokeyi*	Mt. Pinos onion	None/None/1B.3	Great Basin scrub, Meadows and seeps, Pinyon and juniper woodland/perennial bulbiferous herb/Apr–June/4,265–6,065	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Ambrosia monogyra	singlewhorl burrobrush	None/None/2B.2	Chaparral, Sonoran desert scrub; Sandy/perennial shrub/Aug–Nov/35–1,640	Not expected to occur. No suitable habitat present.
Ambrosia pumila	San Diego ambrosia	FE/None/1B.1	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools; Alkaline (sometimes), Clay (sometimes), Disturbed areas (often), Loam (sometimes), Sandy (sometimes)/perennial rhizomatous herb/Apr–Oct/65–1,360	Not expected to occur. No suitable habitat present.
Arenaria paludicola	marsh sandwort	FE/SE/1B.1	Marshes and swamps; Openings, Sandy/perennial stoloniferous herb/May–Aug/ 10–560	Not expected to occur. No suitable habitat present.
Astragalus hornii var. *hornii*	Horn's milk-vetch	None/None/1B.1	Meadows and seeps, Playas; Alkaline, Lake Margins/annual herb/May–Oct/ 195–2,785	Not expected to occur. No suitable habitat present.
Berberis nevinii	Nevin's barberry	FE/SE/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Riparian scrub; Gravelly (sometimes), Sandy (sometimes)/perennial evergreen shrub/(Feb)Mar–June/ 230–2,705	Not expected to occur. No suitable habitat present.
Brodiaea filifolia	thread-leaved brodiaea	FT/SE/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Playas, Valley and foothill grassland, Vernal pools; Clay (often)/perennial bulbiferous herb/Mar–June/ 80–3,670	Not expected to occur. No suitable habitat present.
Calochortus palmeri var. *palmeri*	Palmer's mariposa-lily	None/None/1B.2	Chaparral, Lower montane coniferous forest, Meadows and seeps; Mesic/perennial bulbiferous herb/Apr–July/2,325–7,840	Not expected to occur. The site is outside of the species' known elevation range.
Calochortus plummerae	Plummer's mariposa-lily	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Valley and foothill grassland; Granitic, Rocky/perennial bulbiferous herb/May–July/ 330–5,575	Not expected to occur. No suitable habitat present.
Calochortus simulans	La Panza mariposa-lily	None/None/1B.3	Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland; Granitic (often), Sandy, Serpentinite (sometimes)/perennial bulbiferous herb/Apr–June/1,065–3,770	Not expected to occur. No suitable habitat present.
Carex comosa	bristly sedge	None/None/2B.1	Coastal prairie, Marshes and swamps, Valley and foothill grassland/perennial rhizomatous herb/May–Sep/0–2,050	Not expected to occur. No suitable habitat present.
Castilleja lasiorhyncha	San Bernardino Mountains owl's-clover	None/None/1B.2	Chaparral, Meadows and seeps, Pebble (Pavement) plain, Riparian woodland, Upper montane coniferous forest; Mesic/annual herb (hemiparasitic)/May–Aug/ 4,265–7,840	Not expected to occur. The site is outside of the species' known elevation range.
Caulanthus simulans	Payson's jewelflower	None/None/4.2	Chaparral, Coastal scrub; Granitic, Sandy/annual herb/(Feb)Mar–May(June)/ 295–7,215	Not expected to occur. No suitable habitat present.
Centromadia pungens ssp. *laevis*	smooth tarplant	None/None/1B.1	Chenopod scrub, Meadows and seeps, Playas, Riparian woodland, Valley and foothill grassland; Alkaline/annual herb/Apr–Sep/0–2,095	Not expected to occur. No suitable habitat present.
Chloropyron maritimum ssp. *maritimum*	salt marsh bird's-beak	FE/SE/1B.2	Coastal dunes, Marshes and swamps/annual herb (hemiparasitic)/May–Oct(Nov)/ 0–100	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Chorizanthe leptotheca	Peninsular spineflower	None/None/4.2	Chaparral, Coastal scrub, Lower montane coniferous forest; Granitic/annual herb/ May–Aug/985–6,230	Not expected to occur. No suitable habitat present.
Chorizanthe parryi var. *parryi*	Parry's spineflower	None/None/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland; Openings, Rocky (sometimes), Sandy (sometimes)/annual herb/Apr–June/ 900–4,000	Not expected to occur. No suitable habitat present.
Chorizanthe xanti var. *leucotheca*	white-bracted spineflower	None/None/1B.2	Coastal scrub, Mojavean desert scrub, Pinyon and juniper woodland; Gravelly (sometimes), Sandy (sometimes)/annual herb/Apr–June/985–3,935	Not expected to occur. No suitable habitat present.
Convolvulus simulans	small-flowered morning-glory	None/None/4.2	Chaparral, Coastal scrub, Valley and foothill grassland; Clay, Seeps, Serpentinite/ annual herb/Mar–July/100–2,425	Not expected to occur. No suitable habitat present.

Scientific Name	Common Name	Status (Federal/ State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Cryptantha incana	Tulare cryptantha	None/None/1B.3	Lower montane coniferous forest/annual herb/June–Aug/4,690–7,050	Not expected to occur. The site is outside of the species' known elevation range.
Cuscuta obtusiflora var. *glandulosa*	Peruvian dodder	None/None/2B.2	Marshes and swamps/annual vine (parasitic)/July–Oct/50–920	Not expected to occur. No suitable habitat present.
Deinandra paniculata	paniculate tarplant	None/None/4.2	Coastal scrub, Valley and foothill grassland, Vernal pools; Sandy (sometimes), Vernally Mesic (usually)/annual herb/(Mar)Apr–Nov/80–3,080	Not expected to occur. No suitable habitat present.
Dodecahema leptoceras	slender-horned spineflower	FE/SE/1B.1	Chaparral, Cismontane woodland, Coastal scrub; Sandy/annual herb/Apr–June/ 655–2,490	Not expected to occur. No suitable habitat present.
Eriastrum densifolium ssp. *sanctorum*	Santa Ana River woollystar	FE/SE/1B.1	Chaparral, Coastal scrub; Gravelly (sometimes), Sandy (sometimes)/perennial herb/Apr–Sep/300–2,000	Not expected to occur. No suitable habitat present.
Eriophyllum lanatum var. *obovatum*	southern Sierra woolly sunflower	None/None/4.3	Lower montane coniferous forest, Upper montane coniferous forest; Loam, Sandy/perennial herb/June–July/3,650–8,200	Not expected to occur. The site is outside of the species' known elevation range.
Fimbristylis thermalis	hot springs fimbristylis	None/None/2B.2	Meadows and seeps/perennial rhizomatous herb/July–Sep/360–4,395	Not expected to occur. No suitable habitat present.
Frasera neglecta	pine green-gentian	None/None/4.3	Lower montane coniferous forest, Pinyon and juniper woodland, Upper montane coniferous forest/perennial herb/May–July/4,590–8,200	Not expected to occur. The site is outside of the species' known elevation range.
Fritillaria pinetorum	pine fritillary	None/None/4.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland, Subalpine coniferous forest, Upper montane coniferous forest; Granitic (sometimes),Metamorphic (sometimes)/perennial bulbiferous herb/ May–July(Sep)/5,690–10,825	Not expected to occur. The site is outside of the species' known elevation range.
Galium californicum ssp. *primum*	Alvin Meadow bedstraw	None/None/1B.2	Chaparral, Lower montane coniferous forest; Granitic, Sandy/perennial herb/ May–July/4,425–5,575	Not expected to occur. The site is outside of the species' known elevation range.
Galium jepsonii	Jepson's bedstraw	None/None/4.3	Lower montane coniferous forest, Upper montane coniferous forest; Granitic, Gravelly (sometimes), Rocky (sometimes)/perennial rhizomatous herb/July–Aug/ 5,050–8,200	Not expected to occur. The site is outside of the species' known elevation range.
Galium johnstonii	Johnston's bedstraw	None/None/4.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland, Riparian woodland/perennial herb/June–July/4,000–7,545	Not expected to occur. The site is outside of the species' known elevation range.
Helianthus nuttallii ssp. *parishii*	Los Angeles sunflower	None/None/1A	Marshes and swamps/perennial rhizomatous herb/Aug–Oct/35–5,000	Not expected to occur. No suitable habitat present.
Heuchera caespitosa	urn-flowered alumroot	None/None/4.3	Cismontane woodland, Lower montane coniferous forest, Riparian forest, Upper montane coniferous forest; Rocky/perennial rhizomatous herb/May–Aug/ 3,785–8,690	Not expected to occur. The site is outside of the species' known elevation range.
Heuchera parishii	Parish's alumroot	None/None/1B.3	Alpine boulder and rock field, Lower montane coniferous forest, Subalpine coniferous forest, Upper montane coniferous forest; Carbonate (sometimes), Rocky/perennial rhizomatous herb/June–Aug/4,920–12,465	Not expected to occur. The site is outside of the species' known elevation range.
Hordeum intercedens	vernal barley	None/None/3.2	Coastal dunes, Coastal scrub, Valley and foothill grassland, Vernal pools/annual herb/Mar–June/15–3,280	Not expected to occur. No suitable habitat present.
Horkelia cuneata var. *puberula*	mesa horkelia	None/None/1B.1	Chaparral, Cismontane woodland, Coastal scrub; Gravelly (sometimes), Sandy (sometimes)/perennial herb/Feb–July(Sep)/230–2,655	Not expected to occur. No suitable habitat present.
Hulsea vestita ssp. *parryi*	Parry's sunflower	None/None/4.3	Lower montane coniferous forest, Pinyon and juniper woodland, Upper montane coniferous forest; Carbonate (sometimes), Granitic (sometimes), Openings, Rocky/perennial herb/Apr–Aug/4,490–9,495	Not expected to occur. The site is outside of the species' known elevation range.
Imperata brevifolia	California satintail	None/None/2B.1	Chaparral, Coastal scrub, Meadows and seeps, Mojavean desert scrub, Riparian scrub; Mesic/perennial rhizomatous herb/Sep–May/0–3,985	Not expected to occur. No suitable habitat present.
Ivesia argyrocoma var. *argyrocoma*	silver-haired ivesia	None/None/1B.2	Meadows and seeps, Pebble (Pavement) plain, Upper montane coniferous forest/perennial herb/June–Aug/4,795–9,710	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Juglans californica	Southern California black walnut	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland/perennial deciduous tree/Mar–Aug/165–2,950	Not expected to occur. No suitable habitat present.

Scientific Name	Common Name	Status (Federal/ State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Juncus duranii	Duran's rush	None/None/4.3	Lower montane coniferous forest, Meadows and seeps, Upper montane coniferous forest; Mesic/perennial rhizomatous herb/July–Aug/5,800–9,195	Not expected to occur. The site is outside of the species' known elevation range.
Lasthenia glabrata ssp. *coulteri*	Coulter's goldfields	None/None/1B.1	Marshes and swamps, Playas, Vernal pools/annual herb/Feb–June/5–4,000	Not expected to occur. No suitable vegetation present.
Lepidium virginicum var. *robinsonii*	Robinson's pepper-grass	None/None/4.3	Chaparral, Coastal scrub/annual herb/Jan–July/5–2,900	Not expected to occur. No suitable vegetation present.
Lilium humboldtii ssp. *ocellatum*	ocellated Humboldt lily	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Riparian woodland; Openings/perennial bulbiferous herb/Mar–July(Aug)/ 100–5,905	Not expected to occur. No suitable vegetation present.
Lilium parryi	lemon lily	None/None/1B.2	Lower montane coniferous forest, Meadows and seeps, Riparian forest, Upper montane coniferous forest; Mesic/perennial bulbiferous herb/July–Aug/ 4,000–9,005	Not expected to occur. The site is outside of the species' known elevation range.
Lycium parishii	Parish's desert-thorn	None/None/2B.3	Coastal scrub, Sonoran desert scrub/perennial shrub/Mar–Apr/445–3,280	Not expected to occur. No suitable vegetation present.
Malacothamnus parishii	Parish's bush-mallow	None/None/1A	Chaparral, Coastal scrub/perennial deciduous shrub/June–July/1,000–1,490	Not expected to occur. No suitable vegetation present.
Monardella macrantha ssp. *hallii*	Hall's monardella	None/None/1B.3	Broadleafed upland forest, Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland/perennial rhizomatous herb/ June–Oct/2,395–7,200	Not expected to occur. The site is outside of the species' known elevation range.
Monardella pringlei	Pringle's monardella	None/None/1A	Coastal scrub/annual herb/May–June/985–1,310	Not expected to occur. No suitable vegetation present.
Monardella saxicola	rock monardella	None/None/4.2	Chaparral, Closed-cone coniferous forest, Lower montane coniferous forest; Rocky, Serpentinite (usually)/perennial rhizomatous herb/June–Sep/1,640–5,905	Not expected to occur. The site is outside of the species' known elevation range.
Muhlenbergia californica	California muhly	None/None/4.3	Chaparral, Coastal scrub, Lower montane coniferous forest, Meadows and seeps; Mesic, Seeps, Streambanks/perennial rhizomatous herb/June–Sep/330–6,560	Not expected to occur. No suitable vegetation present.
Nasturtium gambelii	Gambel's water cress	FE/ST/1B.1	Marshes and swamps/perennial rhizomatous herb/ Apr–Oct/15–1,080	Not expected to occur. No suitable vegetation present.
Opuntia basilaris var. *brachyclada*	short-joint beavertail	None/None/1B.2	Chaparral, Joshua tree "woodland", Mojavean desert scrub, Pinyon and juniper woodland/perennial stem/Apr–June(Aug)/1,390–5,905	Not expected to occur. No suitable vegetation present.
Pelazoneuron puberulum var. *sonorensis*	Sonoran maiden fern	None/None/2B.2	Meadows and seeps/perennial rhizomatous herb/Jan–Sep/165–2,000	Not expected to occur. No suitable vegetation present.
Perideridia parishii ssp. *parishii*	Parish's yampah	None/None/2B.2	Lower montane coniferous forest, Meadows and seeps, Upper montane coniferous forest/perennial herb/June–Aug/4,805–9,840	Not expected to occur. The site is outside of the species' known elevation range.
Phacelia mohavensis	Mojave phacelia	None/None/4.3	Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Pinyon and juniper woodland; Gravelly (sometimes), Sandy (sometimes)/annual herb/Apr–Aug/4,590–8,200	Not expected to occur. The site is outside of the species' known elevation range.
Phacelia stellaris	Brand's star phacelia	None/None/1B.1	Coastal dunes, Coastal scrub/annual herb/Mar–June/5–1,310	Not expected to occur. No suitable vegetation present.
Piperia leptopetala	narrow-petaled rein orchid	None/None/4.3	Cismontane woodland, Lower montane coniferous forest, Upper montane coniferous forest/perennial herb/May–July/1,245–7,295	Not expected to occur. No suitable vegetation present.
Pseudorontium cyathiferum	Deep Canyon snapdragon	None/None/2B.3	Sonoran desert scrub/annual herb/Feb–Apr/0–2,620	Not expected to occur. No suitable vegetation present.
Quercus durata var. *gabrielensis*	San Gabriel oak	None/None/4.2	Chaparral, Cismontane woodland/perennial evergreen shrub/Apr–May/ 1,475–3,280	Not expected to occur. No suitable vegetation present.
Ribes divaricatum var. *parishii*	Parish's gooseberry	None/None/1A	Riparian woodland/perennial deciduous shrub/ Feb–Apr/215–985	Not expected to occur. No suitable vegetation present.
Romneya coulteri	Coulter's matilija poppy	None/None/4.2	Chaparral, Coastal scrub; Burned areas (often)/perennial rhizomatous herb/ Mar–July(Aug)/65–3,935	Not expected to occur. No suitable vegetation present.
Schoenus nigricans	black bog-rush	None/None/2B.2	Marshes and swamps/perennial herb/Aug–Sep/490–6,560	Not expected to occur. No suitable vegetation present.
Senecio aphanactis	chaparral ragwort	None/None/2B.2	Chaparral, Cismontane woodland, Coastal scrub; Alkaline (sometimes)/annual herb/ Jan–Apr(May)/50–2,620	Not expected to occur. No suitable vegetation present.
Senecio astephanus	San Gabriel ragwort	None/None/4.3	Chaparral, Coastal bluff scrub; Rocky, Slopes/perennial herb/May–July/ 1,310–4,920	Not expected to occur. No suitable vegetation present.

Scientific Name	Common Name	Status (Federal/ State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Sidalcea malviflora ssp. *dolosa*	Bear Valley checkerbloom	None/None/1B.2	Lower montane coniferous forest, Meadows and seeps, Riparian woodland, Upper montane coniferous forest/perennial herb/May–Aug/4,900–8,805	Not expected to occur. The site is outside of the species' known elevation range.
Sidalcea neomexicana	salt spring checkerbloom	None/None/2B.2	Chaparral, Coastal scrub, Lower montane coniferous forest, Mojavean desert scrub, Playas; Alkaline, Mesic/perennial herb/Mar–June/50–5,015	Not expected to occur. No suitable vegetation present.
Sidotheca caryophylloides	chickweed oxytheca	None/None/4.3	Lower montane coniferous forest/annual herb/July–Sep(Oct)/3,650–8,530	Not expected to occur. The site is outside of the species' known elevation range.
Sphenopholis obtusata	prairie wedge grass	None/None/2B.2	Cismontane woodland, Meadows and seeps; Mesic/perennial herb/Apr–July/ 985–6,560	Not expected to occur. No suitable vegetation present.
Streptanthus bernardinus	Laguna Mountains jewelflower	None/None/4.3	Chaparral, Lower montane coniferous forest/perennial herb/May–Aug/ 2,195–8,200	Not expected to occur. The site is outside of the species' known elevation range.
Streptanthus campestris	southern jewelflower	None/None/1B.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland; Rocky/ perennial herb/(Apr)May–July/2,950–7,545	Not expected to occur. The site is outside of the species' known elevation range.
Symphyotrichum defoliatum	San Bernardino aster	None/None/1B.2	Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Marshes and swamps, Meadows and seeps, Valley and foothill grassland; Streambanks/ perennial rhizomatous herb/July–Nov/5–6,690	Not expected to occur. No suitable vegetation present.
Yucca brevifolia	western Joshua tree	None/SC/CBR	Great Basin grassland, Great Basin scrub, Joshua tree woodland, Mojavean desert scrub, Pinyon and juniper woodland, Sonoran desert scrub, Valley and foothill grassland/perennial leaf succulent/Apr–May/1,310–6,560	Not expected to occur. No suitable vegetation present.

Scientific Name	Common Name	Status (Federal/State)	Habitat	Potential to Occur
Amphibians				
Batrachoseps gabrieli	San Gabriel slender salamander	None/None	Talus slopes in forested areas, often near streams	Not expected to occur. No suitable vegetation present.
Rana draytonii	California red-legged frog	FT/SSC	Lowland streams, wetlands, riparian woodlands, livestock ponds; dense, shrubby or emergent vegetation associated with deep, still or slow-moving water; uses adjacent uplands	Not expected to occur. No suitable vegetation present.
Rana muscosa	mountain yellow-legged frog	FE/SE, WL	Lakes, ponds, meadow streams, isolated pools, and open riverbanks; rocky canyons in narrow canyons and in chaparral	Not expected to occur. No suitable vegetation present.
Spea hammondii	western spadefoot	None/SSC	Primarily grassland and vernal pools, but also in ephemeral wetlands that persist at least 3 weeks in chaparral, coastal scrub, valley–foothill woodlands, pastures, and other agriculture	Not expected to occur. No suitable vegetation present.
Birds				
Accipiter cooperii (nesting)	Cooper's hawk	None/WL	Nests and forages in dense stands of live oak, riparian woodlands, or other woodland habitats often near water	Not expected to occur. No suitable vegetation present.
Agelaius tricolor (nesting colony)	tricolored blackbird	BCC/SSC, ST	Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberry; forages in grasslands, woodland, and agriculture	Not expected to occur. No suitable vegetation present.
Aimophila ruficeps canescens	Southern California rufous-crowned sparrow	None/WL	Nests and forages in open coastal scrub and chaparral with low cover of scattered scrub interspersed with rocky and grassy patches	Not expected to occur. No suitable vegetation present.
Artemisiospiza belli belli	Bell's sage sparrow	None/WL	Nests and forages in coastal scrub and dry chaparral; typically in large, unfragmented patches dominated by chamise; nests in more dense patches but uses more open habitat in winter	Not expected to occur. No suitable vegetation present.
Athene cunicularia (burrow sites and some wintering sites)	burrowing owl	BCC/SSC	Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows	Not expected to occur. No suitable vegetation present.
Buteo regalis (wintering)	ferruginous hawk	None/WL	Winters and forages in open, dry country, grasslands, open fields, agriculture	Not expected to occur. No suitable vegetation present.
Buteo swainsoni (nesting)	Swainson's hawk	None/ST	Nests in open woodland and savanna, riparian, and in isolated large trees; forages in nearby grasslands and agricultural areas such as wheat and alfalfa fields and pasture	Not expected to occur. No suitable vegetation present.
Coccyzus americanus occidentalis (nesting)	western yellow-billed cuckoo	FT/SE	Nests in dense, wide riparian woodlands and forest with well-developed understories	Not expected to occur. No suitable vegetation present.
Coturnicops noveboracensis	yellow rail	BCC/SSC	Nesting requires wet marsh/sedge meadows or coastal marshes with wet soil and shallow, standing water	Not expected to occur. No suitable vegetation present.
Empidonax traillii extimus (nesting)	southwestern willow flycatcher	FE/SE	Nests in dense riparian habitats along streams, reservoirs, or wetlands; uses variety of riparian and shrubland habitats during migration	Not expected to occur. No suitable vegetation present.
Eremophila alpestris actia	California horned lark	None/WL	This subspecies of horned lark occurs on the state's southern and central coastal slope and in the San Joaquin Valley. Nests and forages in grasslands, disturbed lands, agriculture, and beaches.	Not expected to occur. No suitable vegetation present.
Falco columbarius (wintering)	merlin	None/WL	Forages in semi-open areas, including coastline, grassland, agriculture, savanna, woodland, lakes, and wetlands	Not expected to occur. No suitable vegetation present.
Haliaeetus leucocephalus (nesting and wintering)	bald eagle	FPD/FP, SE	Nests in forested areas adjacent to large bodies of water, including seacoasts, rivers, swamps, large lakes; winters near large bodies of water in lowlands and mountains	Not expected to occur. No suitable vegetation present.
Icteria virens (nesting)	yellow-breasted chat	None/SSC	Nests and forages in dense, relatively wide riparian woodlands and thickets of willows, vine tangles, and dense brush	Not expected to occur. No suitable vegetation present.
Lanius ludovicianus (nesting)	loggerhead shrike	None/SSC	Nests and forages in open habitats with scattered shrubs, trees, or other perches	Not expected to occur. No suitable vegetation present.
Laterallus jamaicensis coturniculus	California black rail	None/FP, ST	Tidal marshes, shallow freshwater margins, wet meadows, and flooded grassy vegetation; suitable habitats are often supplied by canal leakage in Sierra Nevada foothill populations	Not expected to occur. No suitable vegetation present.
Polioptila californica californica	coastal California gnatcatcher	FT/SSC	Nests and forages in various sage scrub communities, often dominated by California sagebrush and buckwheat; generally avoids nesting in areas with a slope of greater than 40%; majority of nesting at less than 1,000 feet above mean sea level	Not expected to occur. No suitable vegetation present.
Setophaga petechia (nesting)	yellow warbler	None/SSC	Nests and forages in riparian and oak woodlands, montane chaparral, open ponderosa pine, and mixed-conifer habitats	Not expected to occur. No suitable vegetation present.
Spinus lawrencei (nesting)	Lawrence's goldfinch	BCC/None	Nests and forages in open oak, arid woodlands, and chaparral near water	Not expected to occur. No suitable vegetation present.

Scientific Name	Common Name	Status (Federal/State)	Habitat	Potential to Occur
Vireo bellii pusillus (nesting)	least Bell's vireo	FE/SE	Nests and forages in low, dense riparian thickets along water or along dry parts of intermittent streams; forages in riparian and adjacent shrubland late in nesting season	Not expected to occur. No suitable vegetation present.
Fishes				
Catostomus santaanae	Santa Ana sucker	FT/None	Small, shallow, cool, clear streams less than 7 meters (23 feet) in width and a few centimeters to more than a meter (1.5 inches to more than 3 feet) in depth; substrates are generally coarse gravel, rubble, and boulder	Not expected to occur. No suitable vegetation present.
Gila orcuttii	arroyo chub	None/SSC	Warm, fluctuating streams with slow-moving or backwater sections of warm to cool streams at depths >40 centimeters (16 inches); substrates of sand or mud	Not expected to occur. No suitable vegetation present.
Oncorhynchus mykiss irideus pop. 10	southern steelhead - southern California DPS	FE/SCE	Clean, clear, cool, well-oxygenated streams; needs relatively deep pools in migration and gravelly substrate to spawn	Not expected to occur. No suitable vegetation present.
Rhinichthys osculus ssp. 8	Santa Ana speckled dace	None/SSC	Headwaters of the Santa Ana and San Gabriel Rivers; may be extirpated from the Los Angeles River system	Not expected to occur. No suitable vegetation present.
Invertebrates				
Bombus crotchii	Crotch bumble bee	None/None	Open grassland and scrub communities supporting suitable floral resources.	Not expected to occur. No suitable vegetation present.
Ceratochrysis longimala	Desert cuckoo wasp	None/None	(blank)	Not expected to occur. No suitable vegetation present.
Cicindela tranquebarica viridissima	greenest tiger beetle	None/None	Inhabits the woodlands adjacent to the Santa Ana River basin	Not expected to occur. No suitable vegetation present.
Euchloe hyantis andrewsi	Andrew's marble butterfly	None/None	Yellow pine forest; host plants are Laguna Mountains jewel-flower (Streptanthus bernardinus) and Holboell's rockcress (Boechera pinetorum (Arabis holboellii var. pinetorum))	Not expected to occur. No suitable vegetation present.
Euphydryas editha quino	quino checkerspot butterfly	FE/SCE	Annual forblands, grassland, open coastal scrub and chaparral; often soils with cryptogamic crusts and fine-textured clay; host plants include Plantago erecta, Antirrhinum coulterianum, and Plantago patagonica (Silverado Occurrence Complex)	Not expected to occur. No suitable vegetation present.
Neolarra alba	white cuckoo bee	None/None	Known only from 6 historical localities in Southern California; has not been collected since 1946	Not expected to occur. No suitable vegetation present.
Rhaphiomidas terminatus abdominalis	Delhi Sands flower-loving fly	FE/None	Delhi fine sandy soils and dunes, scrub and ruderal vegetation in the sand verbena series with <50% cover	Not expected to occur. No suitable vegetation present.
Streptocephalus woottoni	Riverside fairy shrimp	FE/None	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. No suitable vegetation present.
Mammals				
Antrozous pallidus	pallid bat	None/SSC	Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops for roosting, but also roosts in man-made structures and trees	Not expected to occur. No suitable vegetation present.
Chaetodipus fallax fallax	northwestern San Diego pocket mouse	None/SSC	Coastal scrub, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon–juniper, and annual grassland	Not expected to occur. No suitable vegetation present.
Chaetodipus fallax pallidus	pallid San Diego pocket mouse	None/SSC	Desert wash, desert scrub, desert succulent scrub, and pinyon–juniper woodland	Not expected to occur. No suitable vegetation present.
Dasypterus xanthinus	western yellow bat	None/SSC	Valley–foothill riparian, desert riparian, desert wash, and palm oasis habitats; below 2,000 feet above mean sea level; roosts in riparian and palms	Not expected to occur. No suitable vegetation present.
Dipodomys merriami parvus	San Bernardino kangaroo rat	FE/SSC, SCE	Sparse scrub habitat, alluvial scrub/coastal scrub habitats on gravelly and sandy soils near river and stream terraces	Not expected to occur. No suitable vegetation present.
Dipodomys stephensi	Stephens' kangaroo rat	FE/ST	Annual and perennial grassland habitats, coastal scrub or sagebrush with sparse canopy cover, or in disturbed areas	Not expected to occur. No suitable vegetation present.
Eumops perotis californicus	western mastiff bat	None/SSC	Chaparral, coastal and desert scrub, coniferous and deciduous forest and woodland; roosts in crevices in rocky canyons and cliffs where the canyon or cliff is vertical or nearly vertical, trees, and tunnels	Not expected to occur. No suitable vegetation present.
Glaucomys oregonensis californicus	San Bernardino flying squirrel	None/SSC	Coniferous and deciduous forests, including riparian forests	Not expected to occur. No suitable vegetation present.
Lepus californicus bennettii	San Diego black-tailed jackrabbit	None/None	Arid habitats with open ground; grasslands, coastal scrub, agriculture, disturbed areas, and rangelands	Not expected to occur. No suitable vegetation present.
Neotoma lepida intermedia	San Diego desert woodrat	None/SSC	Coastal scrub, desert scrub, chaparral, cacti, rocky areas	Not expected to occur. No suitable vegetation present.

Scientific Name	Common Name	Status (Federal/State)	Habitat	Potential to Occur
Nyctinomops femorosaccus	pocketed free-tailed bat	None/SSC	Pinyon–juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, and palm oases; roosts in high cliffs or rock outcrops with drop-offs, caverns, and buildings	Not expected to occur. No suitable vegetation present.
Onychomys torridus ramona	southern grasshopper mouse	None/SSC	Grassland and sparse coastal scrub	Not expected to occur. No suitable vegetation present.
Perognathus alticola alticolus	white-eared pocket mouse	None/SSC	Arid ponderosa pine communities	Not expected to occur. No suitable vegetation present.
Perognathus longimembris brevinasus	Los Angeles pocket mouse	None/SSC	Lower-elevation grassland, alluvial sage scrub, and coastal scrub	Not expected to occur. No suitable vegetation present.
Taxidea taxus	American badger	None/SSC	Dry, open, treeless areas; grasslands, coastal scrub, agriculture, and pastures, especially with friable soils	Not expected to occur. No suitable vegetation present.
Reptiles				
Anniella stebbinsi	southern California legless lizard	None/SSC	Coastal dunes, stabilized dunes, beaches, dry washes, valley–foothill, chaparral, and scrubs; pine, oak, and riparian woodlands; associated with sparse vegetation and moist sandy or loose, loamy soils	Not expected to occur. No suitable vegetation present.
Arizona elegans occidentalis	California glossy snake	None/SSC	Arid scrub, rocky washes, grasslands, chaparral, open areas with loose soil	Not expected to occur. No suitable vegetation present.
Aspidoscelis hyperythra	orange-throated whiptail	None/WL	Low-elevation coastal scrub, chaparral, and valley–foothill hardwood	Not expected to occur. No suitable vegetation present.
Aspidoscelis tigris stejnegeri	San Diegan tiger whiptail	None/SSC	Hot and dry areas with sparse foliage, including chaparral, woodland, and riparian areas.	Not expected to occur. No suitable vegetation present.
Charina umbratica	southern rubber boa	None/ST	Montane oak–conifer and mixed-conifer forests, montane chaparral, wet meadows; usually in vicinity of streams or wet meadows	Not expected to occur. No suitable vegetation present.
Coleonyx variegatus abbotti	San Diego banded gecko	None/SSC	Rocky areas within coastal scrub and chaparral	Not expected to occur. No suitable vegetation present.
Crotalus ruber	red diamondback rattlesnake	None/SSC	Coastal scrub, chaparral, oak and pine woodlands, rocky grasslands, cultivated areas, and desert flats	Not expected to occur. No suitable vegetation present.
Diadophis punctatus modestus	San Bernardino ring-necked snake	None/None	Moist habitats including wet meadows, rocky hillsides, gardens, farmland grassland, chaparral, mixed-conifer forest, and woodland	Not expected to occur. No suitable vegetation present.
Emys marmorata	western pond turtle	None/SSC	Slow-moving permanent or intermittent streams, ponds, small lakes, and reservoirs with emergent basking sites; adjacent uplands used for nesting and during winter	Not expected to occur. No suitable vegetation present.
Phrynosoma blainvillii	Blainville's horned lizard	None/SSC	Open areas of sandy soil in valleys, foothills, and semi-arid mountains including coastal scrub, chaparral, valley–foothill hardwood, conifer, riparian, pine–cypress, juniper, and annual grassland habitats	Not expected to occur. No suitable vegetation present.
Salvadora hexalepis virgultea	coast patch-nosed snake	None/SSC	Brushy or shrubby vegetation; requires small mammal burrows for refuge and overwintering sites	Not expected to occur. No suitable vegetation present.
Thamnophis hammondii	two-striped gartersnake	None/SSC	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools	Not expected to occur. No suitable vegetation present.

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Appendix C-1

Built Environment Inventory and Evaluation Report

Built Environment Inventory and Evaluation Report

Alice/Willow Avenue Warehouse Project, Rialto, California

JANUARY 2023

Prepared for:

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AIA	American Institute of Architects
APN	Assessor's Property Number
CEQA	California Environmental Quality Act
CHRIS	California Historical Resources Information Center
City	City of Rialto
CRHR	California Register of Historical Resources
DPR 523 Forms	Department of Parks and Recreation 523 Forms
NHPA	National Historic Preservation Act
NPS	National Park Service
NRHP	National Register of Historic Places
PIMS	Property Information Management System (County of San Bernardino)
Project	Alice/Willow Avenue Warehouse Project
Property 1	253 W. Valley Boulevard (warehouse)
Property 2	285 S. Willow Street (office)
Property 3	No address; APN 0132-171-01 (warehouse)
Property 4A	1743 S. Willow Avenue (office)
Property 4B	1743 S. Willow Avenue (warehouse)
Property 5	213 W Valley Boulevard (commercial building)
SCCIC	South Central Coastal Information Center

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Executive Summary

The purpose of this report is to determine if the Alice/Willow Avenue Warehouse Project (proposed Project) in the City of Rialto, San Bernardino County, California would impact any historical resources pursuant to the California Environmental Quality Act (CEQA). The Project site is comprised of 11 parcels totaling approximately 6.19 acres (Project site). The proposed Project would demolish all extant buildings on the Project site to construct a single warehouse building equaling approximately 138,350 square feet (inclusive of 3,000 square feet of office mezzanine). Associated improvements include truck loading docks, vehicle parking stalls, and landscaped areas.

Patriot Development Partners retained Dudek to complete this built environment inventory and evaluation report to identify all historical resources on the Project site to determine whether or not the proposed Project would result in a significant impact to historical resources under CEQA. This report includes the results of a California Historical Resources Information System (CHRIS) records search; an intensive survey of the Project site by a qualified architectural historian; building development and archival research; development of an appropriate historic context for the evaluation of the Project site; and recordation and evaluation of five properties over 45 years old for historical significance and integrity in consideration of National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), and City of Rialto designation criteria and integrity requirements. This report was prepared in conformance with California Environmental Quality Act (CEQA) Guidelines Section 15064.5 for historical resources and all applicable local guidelines and regulations.

Six (6) buildings (subject properties) shown in Table 1 below are over 45 years of age, located within the Project site, and were evaluated for historical and architectural significance in this report. None of the buildings on the Project site are currently listed under any national, state, or local landmark or historic district programs.

Table 1. Evaluated Properties

Property Number	Address	APN	Year Built	Property Type
Property 1	253 W. Valley Boulevard	0132-171-05	c. 1964	Garage/warehouse
Property 2	285 S. Willow Rialto Avenue	0132-171-03	c. 1968-1977	Office building
Property 3	No associated address	0132-171-01	c. 1968	Garage/warehouse
Property 4A	1743 S. Willow Avenue	0254-111-01	c. 1953	Garage/warehouse
Property 4B	1743 S. Willow Avenue	0254-111-01	c. 1953	Office building
Property 5	213 W Valley Boulevard	0132-171-10 0132-171-13	c. 1978	Commercial building

As a result of Dudek's extensive archival research, field survey, record search, and property significance evaluations, no built environment historical resources were identified within the Project site, nor were any adjacent historical resources identified that could be indirectly impacted by proposed Project activities. Therefore, none of the six evaluated properties are considered historical resources for the purposes of CEQA. The recommended status code for all evaluated properties is 6Z: Found ineligible for NR, CR, or Local designation through survey evaluation. The finding for built environment cultural resources for the proposed Project under CEQA is **No Impact.** As the proposed Project would have no impact on historical resources, no further study is required.

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1 Introduction

Dudek was retained by Patriot Development Partners to complete a built environment inventory and evaluation report for the Alice/Willow Avenue Warehouse Project (Project) in the City of Rialto, California. This report includes the results of an intensive survey of the Project site by a qualified architectural historian; building development and archival research; development of an appropriate historic context for the Project site; and recordation and evaluation of six total properties over 45 years old for historical significance and integrity in consideration of National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), and City of Rialto designation criteria and integrity requirements. This report was prepared in conformance with California Environmental Quality Act (CEQA) Guidelines Section 15064.5 for historical resources.

1.1 Project Location and Description

Project Location

The Project site occupies an approximately 6.19-acre city block in the City of Rialto, San Bernardino County California (Figure 1, Project Location). The Project site is composed of 11 total parcels with six (6) buildings 45 years of age or older (Figure 2, Project site Map). The Project site is bounded by West Valley Boulevard to the north, South Alice Avenue to the east, South Willow Avenue to the west, and the I-10 San Bernardino freeway to the south and is located approximately two miles south of downtown Rialto. The area in which the Project site sits primarily consists of light industrial and commercial buildings many of which provide automotive and trucking-related services. The nearest residential development is located approximately 0.33 miles to the northwest and the Union Pacific railroad and rail depot is located approximately 0.15 miles south of the Project site.

Project Description

The project proposes demolition of existing buildings and asphalt associated with commercial and industrial uses to allow for construction of an approximately 136,200 square foot (gross area, inclusive of office/mezzanine space) one-story industrial warehouse on a 6.19-acre (gross) property composed of eleven parcels (Assessor's Parcel Numbers 0254-111-01, 0132-171-01, 0132-171-02, 0132-171-03, 0132-171-04, 0132-171-05, 0132-171-06, 0132-171-08, 0132-171-09, 0132-171-10, 0132-171-13, and 0132-171-14). In addition to the industrial/warehouse building, the project would include 14 high dock door parking stalls, 91 passenger-vehicle parking spaces, fencing along the project perimeter with automated gates at the driveways, and approximately 62,174 square feet of landscaping. Frontage improvements along South Willow Avenue, West Valley Boulevard, and South Alice Avenue would include curb & gutter, sidewalk and parkway landscaping, right-of-way widening. and an offset cul-de-sac at the end of South Willow Avenue and South Alice Avenue.

1.2 Project Personnel

Dudek Architectural Historian Claire Cancilla, MSHP completed the property significance evaluation, preparation of the technical report, and State of California Department of Parks and Recreation Series 523 Forms (DPR forms) with contributions from Dudek Architectural Historians Erin Jones, MA, and Caitlin Greeley, MA. The intensive survey was completed by Dudek Architectural Historian, Claire Cancilla, MSHP on December 13, 2022. All work products were reviewed for quality assurance/quality control by Senior Architectural Historian Allison Lyons, MSHP. All authors meet the Secretary of the Interior's Professional Qualifications Standards (36 CFR Part 61) for architectural history. The preparer's qualifications are located in Appendix A.

1.3 Regulatory Setting

1.3.1 Federal

National Register of Historic Places

While there is no federal nexus for this project, the properties comprising the Project site were evaluated in consideration of NRHP designation criteria. The NRHP is the United States' official list of districts, sites, buildings, structures, and objects worthy of preservation. Overseen by the National Park Service, under the U.S. Department of the Interior, the NRHP was authorized under the National Historic Preservation Act, as amended. Its listings encompass all National Historic Landmarks, as well as historic areas administered by the National Park Service.

NRHP guidelines for the evaluation of historic significance were developed to be flexible and to recognize the accomplishments of all who have made significant contributions to the nation's history and heritage. Its criteria are designed to guide state and local governments, federal agencies, and others in evaluating potential entries in the NRHP. For a property to be listed in or determined eligible for listing, it must be demonstrated to possess integrity and to meet at least one of the following criteria:

> The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:
>
> A. That are associated with events that have made a significant contribution to the broad patterns of our history; or
> B. That are associated with the lives of persons significant in our past; or
> C. That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
> D. That have yielded, or may be likely to yield, information important in prehistory or history.

In addition to these basic evaluation criteria, the NRHP outlines further criteria considerations for significance. Moved properties; birthplaces; cemeteries; reconstructed buildings, structures, or objects; commemorative properties; and properties that have achieved significance within the past 50 years are generally not eligible for the NRHP. The criteria considerations are exceptions to these rules, and they allow for the following types of resources to be NRHP eligible (NPS 1995, p. 25):

> A. a religious property deriving primary significance from architectural or artistic distinction or historical importance;
> B. a building or structure removed from its original location, but which is significant primarily for architectural value, or which is the surviving structure most importantly associated with a historic person or event;
> C. a birthplace or grave of a historical figure of outstanding importance if there is no appropriate site or building directly associated with his or her productive life;

D. a cemetery which derives its primary significance from graves of persons of transcendent importance, from age, from distinctive design features, from association with historic events;
E. a reconstructed building when accurately executed in a suitable environment and presented in a dignified manner as part of a restoration master plan, and when no other building or structure with the same association has survived;
F. a property primarily commemorative in intent if design, age, tradition, or symbolic value has invested it with its own exceptional significance; or
G. a property achieving significance within the past 50 years if it is of exceptional importance.

Once the significance of a resource has been determined, the resource then must be assessed for integrity. Integrity is 1) the ability of a property to illustrate history and 2) possession of the physical features necessary to convey the aspect of history with which it is associated (NPS 1995, p. 44). The evaluation of integrity is grounded in an understanding of a property's physical features and how they relate to the property's significance. Historic properties either retain integrity (that is, convey their significance) or they do not. To retain integrity, a property will always possess several, and usually most, of the seven aspects of integrity (NPS 1997, pp. 44–45):

Location is the place where the historic property was constructed or the place where the historic event occurred.

Design is the combination of elements that create the form, plan, space, structure, and style of a property.

Setting is the physical environment of a historic property.

Materials are the physical elements that were combined or deposited during a particular period and in a particular pattern or configuration to form a historic property.

Workmanship is the physical evidence of crafts of a particular culture or people during any given period in history or prehistory.

Feeling is the property's expression of the aesthetic or historic sense of a particular period.

Association is the direct link between an important historic event or person and a historic property.

1.3.2 State

California Register of Historical Resources

In California, the term "historical resource" includes but is not limited to "any object, building, structure, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California" (California Public Resources Code Section 5020.1(j)). In 1992, the California legislature established the CRHR "to be used by state and local agencies, private groups, and citizens to identify the state's historical resources and to indicate what properties are to be protected, to the extent prudent and feasible, from substantial adverse change" (California Public Resources Code Section 5024.1(a)). The criteria for listing resources on the CRHR were expressly developed to be in accordance with previously established criteria developed for listing in the NRHP, enumerated

below. According to California Public Resources Code Section 5024.1(c)(1–4), a resource is considered historically significant if it (i) retains "substantial integrity," and (ii) meets at least one of the following criteria:

1. Associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
2. Is associated with the lives of persons important in our past.
3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
4. Has yielded, or may be likely to yield, information important in prehistory or history.

In order to understand the historic importance of a resource, sufficient time must have passed to obtain a scholarly perspective on the events or individuals associated with the resource. A resource less than 50 years old may be considered for listing in the CRHR if it can be demonstrated that sufficient time has passed to understand its historical importance (see 14 CCR 4852(d)(2)).

The CRHR protects cultural resources by requiring evaluations of the significance of prehistoric and historic resources. The criteria for the CRHR are nearly identical to those for the NRHP, and properties listed or formally designated as eligible for listing in the NRHP are automatically listed in the CRHR, as are the state landmarks and points of interest. The CRHR also includes properties designated under local ordinances or identified through local historical resource surveys.

California Environmental Quality Act

As described further below, the following CEQA statutes and CEQA Guidelines are of relevance to the analysis of archaeological, historic, and tribal cultural resources:

- California Public Resources Code Section 21083.2(g) defines "unique archaeological resource."
- California Public Resources Code Section 21084.1 and CEQA Guidelines Section 15064.5(a) define "historical resources." In addition, CEQA Guidelines Section 15064.5(b) defines the phrase "substantial adverse change in the significance of an historical resource." It also defines the circumstances when a project would materially impair the significance of an historical resource.
- California Public Resources Code Section 21074(a) defines "tribal cultural resources."
- California Public Resources Code Section 5097.98 and CEQA Guidelines Section 15064.5(e) set forth standards and steps to be employed following the accidental discovery of human remains in any location other than a dedicated ceremony.
- California Public Resources Code Sections 21083.2(b)-(c) and CEQA Guidelines Section 15126.4 provide information regarding the mitigation framework for archaeological and historic resources, including examples of preservation-in-place mitigation measures; preservation-in-place is the preferred manner of mitigating impacts to significant archaeological sites because it maintains the relationship between artifacts and the archaeological context and may also help avoid conflict with religious or cultural values of groups associated with the archaeological site(s).

More specifically, under CEQA, a project may have a significant effect on the environment if it may cause "a substantial adverse change in the significance of an historical resource" (California Public Resources Code Section 21084.1; CEQA Guidelines Section 15064.5(b).) If a site is either listed or eligible for listing in the CRHR, or if it is included in a local register of historic resources or identified as significant in a historical resources survey (meeting the requirements of California Public Resources Code Section 5024.1(q)), it is a "historical resource" and is presumed to be historically or culturally significant for purposes of CEQA (California Public Resources Code Section 21084.1; CEQA Guidelines Section 15064.5(a)). The lead agency is not precluded from determining that a resource is a historical resource even if it does not fall within this presumption (California Public Resources Code Section 21084.1; CEQA Guidelines Section 15064.5(a)).

A "substantial adverse change in the significance of an historical resource" reflecting a significant effect under CEQA means "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired" (CEQA Guidelines Section 15064.5(b)(1); California Public Resources Code Section 5020.1(q)). In turn, CEQA Guidelines Section 15064.5(b)(2) states the significance of an historical resource is materially impaired when a project:

1. Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register of Historical Resources; or
2. Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in an historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or
3. Demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its eligibility for inclusion in the California Register of Historical Resources as determined by a lead agency for purposes of CEQA.

Pursuant to these sections, the CEQA inquiry begins with evaluating whether a Project site contains any "historical resources," then evaluates whether that project will cause a substantial adverse change in the significance of a historical resource such that the resource's historical significance is materially impaired.

If it can be demonstrated that a project will cause damage to a unique archaeological resource, the lead agency may require reasonable efforts be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. To the extent that they cannot be left undisturbed, mitigation measures are required (California Public Resources Code Section 21083.2[a], [b], and [c]).

California Public Resources Code Section 21083.2(g) defines a unique archaeological resource as an archaeological artifact, object, or site about which it can be clearly demonstrated that without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

1. Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information.

2. Has a special and particular quality such as being the oldest of its type or the best available example of its type.
3. Is directly associated with a scientifically recognized important prehistoric or historic event or person.

Impacts to non-unique archaeological resources are generally not considered a significant environmental impact (California Public Resources Code section 21083.2(a); CEQA Guidelines Section 15064.5(c)(4)). However, if a non-unique archaeological resource qualifies as tribal cultural resource (California Public Resources Code Section 21074(c), 21083.2(h)), further consideration of significant impacts is required. CEQA Guidelines Section 15064.5 assigns special importance to human remains and specifies procedures to be used when Native American remains are discovered. As described below, these procedures are detailed in California Public Resources Code Section 5097.98.

California State Assembly Bill 52

Assembly Bill (AB) 52 of 2014 amended PRC Section 5097.94 and added PRC Sections 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2, and 21084.3. AB 52 established that TCRs must be considered under CEQA and also provided for additional Native American consultation requirements for the lead agency. Section 21074 describes a TCR as a site, feature, place, cultural landscape, sacred place, or object that is considered of cultural value to a California Native American Tribe and that is either:

- On or determined to be eligible for the California Register of Historical Resources or a local historic register; or
- A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Section 5024.1.

AB 52 formalizes the lead agency–tribal consultation process, requiring the lead agency to initiate consultation with California Native American groups that are traditionally and culturally affiliated with the Project site, including tribes that may not be federally recognized. Lead agencies are required to begin consultation prior to the release of a negative declaration, mitigated negative declaration, or environmental impact report.

Section 1 (a)(9) of AB 52 establishes that "a substantial adverse change to a tribal cultural resource has a significant effect on the environment." Effects on TCRs should be considered under CEQA. Section 6 of AB 52 adds Section 21080.3.2 to the PRC, which states that parties may propose mitigation measures "capable of avoiding or substantially lessening potential significant impacts to a tribal cultural resource or alternatives that would avoid significant impacts to a tribal cultural resource." Further, if a California Native American tribe requests consultation regarding project alternatives, mitigation measures, or significant effects to tribal cultural resources, the consultation shall include those topics (PRC Section 21080.3.2[a]). The environmental document and the mitigation monitoring and reporting program (where applicable) shall include any mitigation measures that are adopted (PRC Section 21082.3[a]).

1.3.3 Local

City of Rialto

The City of Rialto governs historical resources through Chapter 2.20 of its municipal code. Specifically, ordinance 1543 addresses historical resources and was adopted by the City in June 2014. The ordinance established the purpose, roles, and responsibilities of the Historic Preservation Commission, along with nomination and designation program for historic resources.

Historical Preservation Commission (Chapter 2.20)

2.20.010. Creation – Purpose and Intent

The city finds, determines and declares:

A. That the State Legislature of California, pursuant to Government Code Section 37361, has recognized the value of identifying protecting and preserving places buildings, structures and other objects of historical, aesthetic and cultural importance and has empowered cities to adopt regulations and incentives for the protection, enhancement, perpetuation and use of such places, buildings, structures and other objects.

B. That the city possesses many distinctive places, structures, neighborhoods, and urban design features (all herein referred to as "resources") that enhance its value as an attractive and delightful community in which to live and work.

C. That certain of these resources are of cultural, aesthetic or historical significance and value because of age, architectural style, aesthetic appeal or association with local history.

D. That by preserving these resources Rialto shall contribute to the livability and beauty of the community, stimulate economic revitalization, improve property values in the city, foster architectural creativity, increase neighborhood stability and conservation, foster public appreciation of and civic pride in the beauty of the city and the accomplishments of its past, reinforce the distinctive character of the community, add to the community's understanding of its history and connection with the life and values of the past, and ensure that Rialto's cultural, historical and architectural heritage will be imparted to future generations.

E. That shifts in population and in the economy changes in the way people live and changes in land use threaten to destroy these irreplaceable and desirable resources. Construction and alterations of inferior quality and appearance are also a threat to these resources.

F. That the adoption of reasonable and fair regulations is necessary as a means of recognition, documentation, preservation and maintenance of resources of cultural, aesthetic, or historical significance.

Such regulation serves as a means to integrate the preservation of resources and the extraction of relevant data from such resources into public and private land management and development process, and to identify as early as possible and resolve conflicts between the preservation of cultural resources and alternative land uses. This chapter is intended to carry out the goals and policies of the Rialto general plan ((City of Rialto Ord. No. 1545, § 3, 6-24-14).

2.20.060 - Nomination and Designation Program for Historic Resources

The commission shall undertake to establish and maintain a list of nominated resources that have been identified during the survey. An individual who presents documentation equal to that collected in the survey may request that a resource be placed on the list. This list may include single structures or site, portions of structures, urban design features, man-made or natural landscape elements, or works of art. Districts may not be placed on the list. A nominated resource may be designated a landmark and a district may be designated a historic district by the city council after public hearings and a recommendation by the historic preservation commission. Any one of the following findings may be used to determine a local landmark designation (Ord. No. 1545, § 3, 6-24-14).

1. It has character, interest or value as part of the development, heritage, or cultural characteristics of the city, state of California or the United States.

2. It is the site of a documented historic event.
3. It is strongly identified with a person or person who significantly contributed to the culture, history or development of the city.
4. It is one of the few remaining examples in the city possessing distinguishing characteristics of an architectural type or specimen.
5. It is notable work of an architect or master builder.
6. It embodies elements of architectural design, detail, materials or craftsmanship.
7. It has [a] unique location or singular physical characteristics representing an established and familiar visual feature in the city.
8. It has unique design or detailing.
9. It is a particularly good example of a period or style.
10. It is located within a historic district, contributes to the overall feeling of the district, and which individually may lack significance.

City of Rialto General Plan

In addition to its preservation ordinance described above, the City of Rialto has outlined goals and policies pertaining to historical resources in its General Plan, adopted by the City in December 2010. Relevant goals and policies are reproduced below (City of Rialto 2010: 7-7 and 7-8).

Goal 7-1: Preserve Rialto's significant historical resources as a source of community identity, stability, aesthetic character, and social value.

Policy 7-1.1: Protect the architectural, historical, agricultural, open space, environmental, and archaeological resources in Rialto.

Policy 7-1.2: Identify, through appropriate research and surveys, the historical resources in Rialto through documentation and photography.

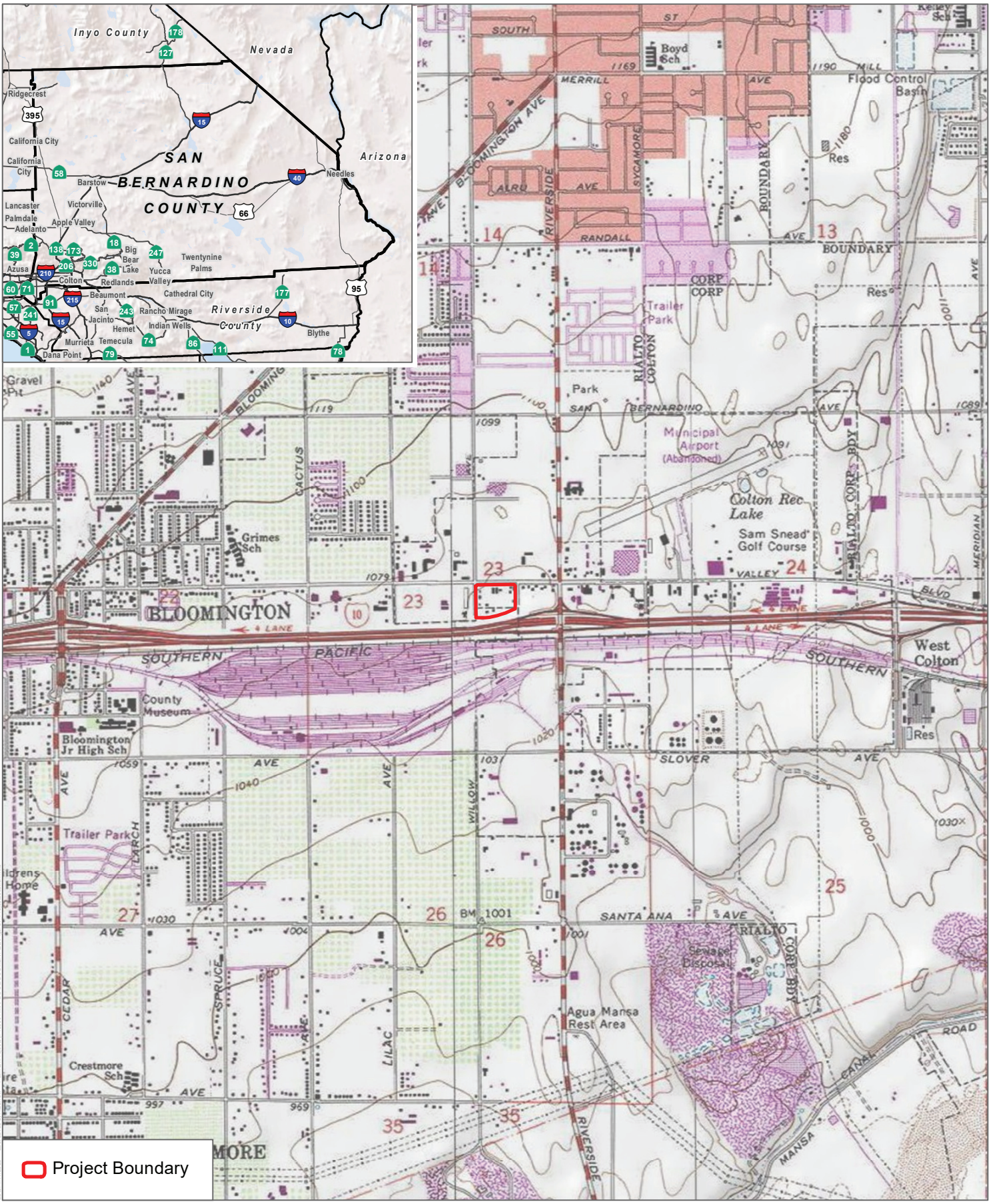
Policy 7-1.3: Explore and evaluate different approaches to protect and enhance historical resources throughout the community.

Policy 7-1.4: Encourage economically feasible preservation of historical structures through adaptive reuse.

Goal 7-2: Provide public understanding and involvement of the unique heritage of the City of Rialto.

Policy 7-2.1: Heighten the community awareness of Rialto's history and the City's physical development, and educate the public to the significance of historical areas, sites, and structures and the social events associated with them.

Policy 7-2.2: Establish, promote, and enhance a Rialto history collection centered on the archaeological, historic archaeological and historical texts, archives, and collections of value to Rialto.



SOURCE: USGS 7.5-Minute Series San Bernardino South Quadrangles
Township 1S; Range 5W; Sections 23

DUDEK

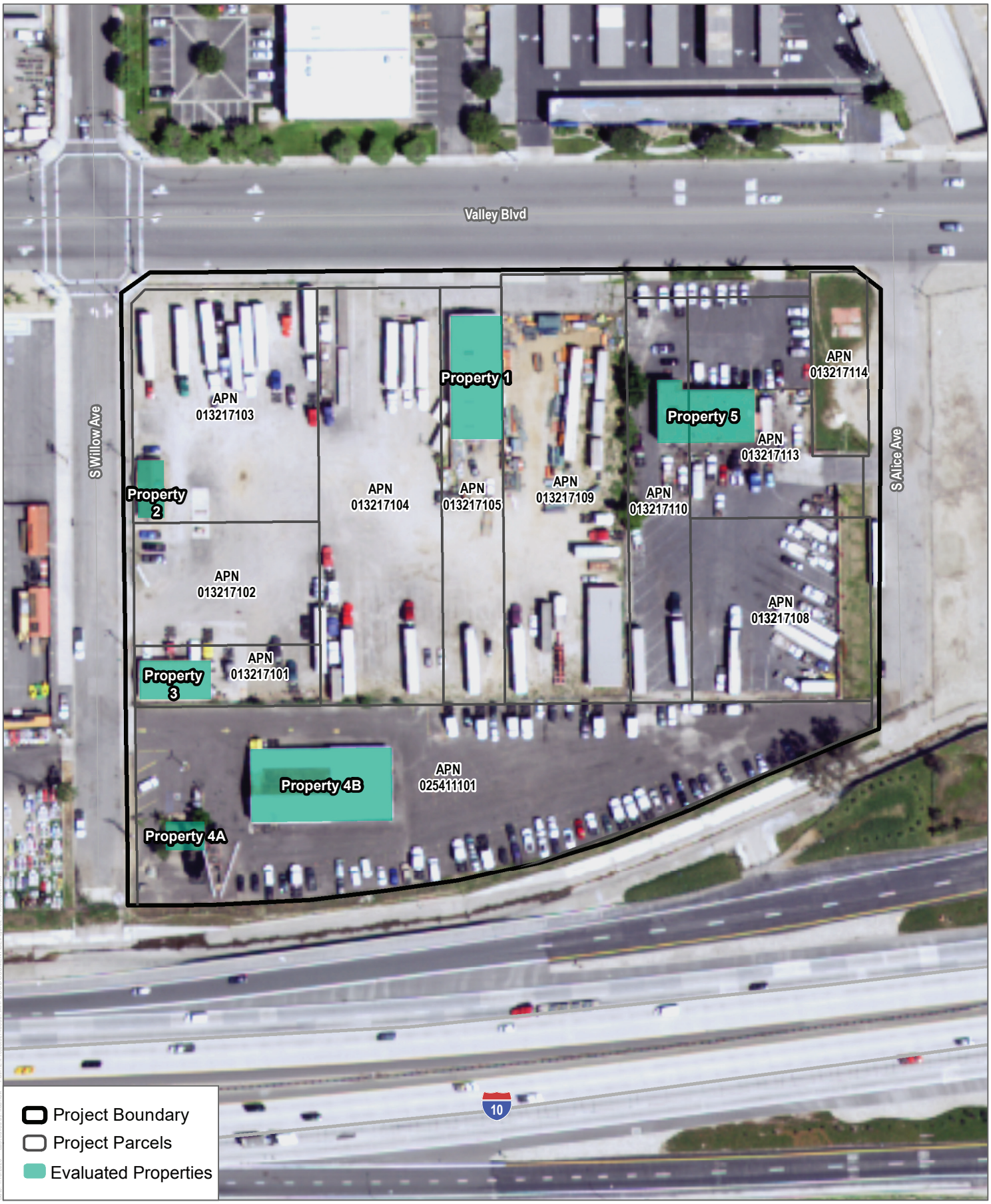
0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1

Project Location

Alice and Willow Avenue Warehouse Project

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SOURCE: NAIP 2020, Open Street Maps 2019, San Bernardino South Quadrangles
Township 1S; Range 5W; Sections 23

DUDEK

0 50 100 Feet
0 12.5 25 Meters
1:1,250

FIGURE 2

Project Site

Alice and Willow Avenue Warehouse Project

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2 Background Research

2.1 CHRIS Records Search

On November 22, 2022, Dudek staff conducted a search of the CHRIS at the SCCIC, located on the campus of California State University, Fullerton. The search included any previously recorded cultural resources and investigations within a 0.5-mile radius of the proposed Project site. The CHRIS search also included a review of the NRHP, the CRHR, the California Points of Historical Interest list, the California Historical Landmarks list, the Archaeological Determinations of Eligibility list, and the California State Historic Resources Inventory list. The search included digitized mapped prehistoric and historic archaeological resources as well as historic built environment resources; Department of Parks and Recreation (DPR) site records; technical reports; archival resources; and the Office of Historic Preservation's Built Environment Resources Directory (BERD).

Previously Conducted Cultural Resources Studies

Results of the cultural resources records search indicate that 14 previous cultural resource studies have been conducted within the records search area of the proposed Project site between 1984 and 2008. One of these reports, SB-01772 (Hallaran et. al 1988) directly overlaps the Project site. Another report, SB-05628 (Bonner et. al 2008) is adjacent to the Project site. These reports did not identify any of the properties on the Project site as historical resources. Table 2, below, details all 14 previous cultural resources studies followed by a brief summary of the report adjacent to and the report overlapping the Project site.

Table 2. Previous Technical Studies Within a 0.5-Mile Radius of the Proposed Project Site

SCCIC Report No.	Authors	Year	Title	Proximity to Proposed Project site
SB-01468	Hammond, Stephen R.	1984	Negative Archaeological Survey Report: Colton/ San Bernardino Maintenance Station, City of Rialto, San Bernardino County	Outside
SB-01558	Bixler, David	1986	Archaeological Site Survey: West Valley Redevelopment Project in the City Of Colton	Outside
SB-01635	Bixler, David	1987	Archeological Surface Survey: Colton Dune Site	Outside
SB-01772	Hallaran, Kevin B. And Karen K. Swope	1988	Environmental Impact Evaluation: An Archaeological Assessment of The Rialto Gateway Project, San Bernardino County, California	Overlaps
SB-02853	Foster, John M., James J. Schmidt, Carmen A. Weber, Gwendolyn R. Romani, And Roberta S. Greenwood	1991	Cultural Resource Investigation: Inland Feeder Project, Mwd of Southern Ca	Outside
SB-03586	Love, Bruce	2000	Ontario To Colton Pipeline, San Bernardino County, Ca. 26pp	Outside

Table 2. Previous Technical Studies Within a 0.5-Mile Radius of the Proposed Project Site

SCCIC Report No.	Authors	Year	Title	Proximity to Proposed Project site
SB-03603	Love, Bruce	1998	Installation Of Water Pipes Along I-10 Between Colton and Fontana. 10pp	Outside
SB-03931	Dahdul, Miriam	2002	Historical/Archaeological Resources Survey Report: Rialto Channel Improvement Project (Phase 3) in the City of Rialto, San Bernardino County, Ca. 14pp	Outside
SB-04234	Earle, David D.	2004	Ethnohistorical & Ethnographic Overview & Cultural Affiliation Study of the Fort Irwin Region & Central Mojave Desert. 199pp	Outside
SB-04261	Mckenna, Jeanette A.	2004	A Phase I Cultural Resources Investigation of the Colton Joint Unified School District Middle School No. 5 in the City of Rialto, San Bernardino County, Ca. 40pp	Outside
SB-04634	Tibbett, Casey	2004	Historical/Archaeological Resources Survey Report: WalMart Supercenter Project, City of Rialto, San Bernardino County, California.	Outside
SB-05628	Bonner, Wayne H. and Marnie Aslin-Kay	2007	Cultural Resource Records Search Results and Site Visit for T-Mobile Telecommunications Facility Candidate IE 04845C (Space Place Storage), 220 West Valley Boulevard, Rialto, San Bernardino County, California.	Adjacent
SB-06089	Bholat, Sara and Evelyn N. Chandler	2008	Cultural Resources Survey of a Temporary Ethanol Transload Facility in the City of Rialto, San Bernardino County, California.	Outside
SB-06516	Ashkar, Shahira	1999	Cultural Resource Inventory Report for Williams Communications, Inc., Proposed Fiber Optic System Installation Project, Los Angeles to Riverside, Los Angeles, Riverside and San Bernardino Counties.	Outside

Report SB-01772

Environmental Impact Evaluation: An Archaeological Assessment of The Rialto Gateway Project, San Bernardino County, California (Hallaran, K.and K. Swope 1988) documents the results of an archaeological survey and cultural resources assessment consisting of an archival record search, literature review, and pedestrian survey. The area of study overlaps approximately 100% of the proposed Project site. The study was conducted to locate, record, and assess any archaeological and historical resources that may be affected by the Rialto Gateway Project. No cultural resources were identified within the current proposed Project site as a result of the investigation. Based on the study's findings of no new cultural resources, no mitigation measures were recommended beyond contacting a qualified archaeologist in case of accidental discovery of resources.

Report SB-05628

*Cultural Resource Records Search Results and Site Visit for T-Mobile Telecommunications Facility Candidate IE 04845C (Space Place Storage), 220 West Valley Boulevard, Rialto, San Bernardino County, California (*Bonner, W. and M. Aslin-Kay) documents the results of a cultural resources assessment consisting of an archival record search, literature review, and pedestrian survey. The area of study is adjacent to the proposed Project site. The study was conducted to assess any cultural resources within the T-Mobile facility candidate area. No cultural resources were identified within the proposed Project site as a result of the investigation. Based on the study's findings of no new cultural resources, no mitigation measures were recommended beyond contacting a qualified archaeologist in case of accidental discovery of human remains.

Previously Recorded Cultural Resources

The SCCIC records indicate that four (4) cultural resources have been previously recorded within a 0.5-mile radius of the Project site, none of which overlap or are directly adjacent to the Project site (Table 3). Two of these previously recorded resources are historic built environment resources: Union Pacific Railroad (P-36-010330), located approximately 0.15 mile south of the Project site, and a historic age site with in-use light industrial storage tanks (P-36-021603). Neither of these properties are eligible historical resources. P-36-010330 has a status code of 6Y meaning it was determined ineligible through Section 106 consensus, and P-36-021603 has a status code of 6Z, meaning it was found ineligible for the NRHP, CRHR, or for local designation through survey evaluation.

Table 3. Previously Recorded Cultural Resources within a 0.50-Mile Radius of the Project Site

Primary Number	Description	Recording Events	CHRIS Status Code	Proximity to Proposed Project site
P-36-001579	Prehistoric site consisting of a projectile point and flakes	1963 (Smith)	Unknown	Outside; ~0.25 mile south
P-36-006868	Historic site consisting of glass fragments, shell, ceramics, metal spoon and 50+ fragments of large mammal bone	1990 (Schmidt et al., Greenwood & Associates)	Unknown	Outside; ~0.50 mile east

Table 3. Previously Recorded Cultural Resources within a 0.50-Mile Radius of the Project Site

Primary Number	Description	Recording Events	CHRIS Status Code	Proximity to Proposed Project site
P-36-010330	Union Pacific Railroad	1999 (S. Ashkar, Jones & Stokes Associates, Inc.); 2002 (Goodwin, R., LSA Associates, Inc.); 2008 (Harper, C.D., SWCA); 2010 (Tibbet, C., LSA Associates, Inc.); 2012 (Paul, Daniel D., ICF International)	6Y: Determined ineligible for NR by consensus through Section 106 process	Outside; ~0.15 mile south
P-36-021603	Site consisting of three-story high, historic-period actively used storage tanks.	2008 (Jeremy Hollins, URS Corp)	6Z: Found ineligible for NR, CR or Local designation through survey evaluation.	Outside; ~0.50 mile southeast

2.2 Built Environment Resource Directory

The Built Environment Resource Directory (BERD) files provide information, organized by county, regarding non-archaeological resources in the Office of Historic Preservation's (OHP) inventory. The OHP inventory contains information only for built environment resources that have been processed through the office. This includes resources reviewed for eligibility for the NRHP and the California Historical Landmarks programs through federal and state environmental compliance laws, and resources nominated under federal and state registration programs. The BERD replaces the former Historic Properties Directory (HPD) that previously provided evaluation status information for resources processed through the OHP.

Dudek accessed the San Bernardino BERD from OHP on January 4, 2023. All properties within the Project site were searched in the online BERD. All properties within the Project site were searched in the online BERD. As a result, none of the properties located within the Project site are listed within BERD and therefore have not been previously evaluated.

2.3 Building Development and Archival Research

Building development and archival research were conducted for the Project site in an effort to establish a thorough and accurate historic context for the evaluations of significance, and to confirm the building development history of the Project site and associated properties thereon.

San Bernardino County Assessor

Dudek obtained the Property Information Management System (PIMS) report for parcels on the Project site containing historic age buildings on December 8, 2022, which provided information about construction dates and current owners for the properties discussed in this report. Using this information, Dudek was able to research the chain of ownership for Property 1: 253 W. Valley Boulevard (APN 0132-171-05); Property 2: 285 S. Willow Street (APN 0132-171-03); Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01); and Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13). There were no results for Property 3: No associated address (APN 0132-171-01);

City of Rialto Building and Safety

On November 16, 2022 and on December 12, 2022, the City of Rialto Building Division responded to Dudek's public records request for building permits for all six historic-age properties on the Project site. Building permits were available for Property 1: 253 W. Valley Boulevard (APN 0132-171-05) and Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13). The records search also provided electrical permits and occupancy permits for Property 4A/4B: 743 S. Willow Avenue (APN 0254-111-01). Permits were not located for the other properties.

ParcelQuest

On December 8, 2022, ParcelQuest was used to access San Bernardino County Assessor's information about the properties located within the Project site. Information regarding dates of construction and current owner name(s), if noted, was used in the preparation of the evaluations of significance and historic context.

San Bernardino County Digital Library

Dudek utilized the San Bernardino County Digital Library to identify relevant contextual information for the development of the City of Rialto. All available information obtained from the library was used in the preparation of the historic context and evaluations of significance for the subject properties.

Historical Newspaper Review

Dudek reviewed historical newspapers from Rialto and surrounding cities in an effort to understand the development of the City of Rialto, the Project site, and the subject properties discussed in this report. These documents were used in the preparation of the historic context, history of the Project site, and significance evaluations.

Sanborn Fire Insurance Maps

A review of historical Sanborn Map Company fire insurance maps covering the City of Rialto was conducted as part of the archival research effort for the Project site from the following years: 1892, 1907, 1911, and 1929. The subject properties do not fall within the mapped area of these maps, which also predate the construction of the subject properties. These Sanborn maps were, however, used in the development of Section 3.2 Historical Overview of the City of Rialto.

Historical Aerial Photographs

A review of historical aerial photographs was conducted as part of the archival research effort from the Nationwide Environmental Title Research LLC (NETR) from the years 1948, 1959, 1966, 1967, 1980, 1985, 1986-2009, 2010-2020, and UC Santa Barbara Library Aerial Photography Information FrameFinder (UCSB) from the years 1938, 1953, 1962, 1978. Table 4 in Section 2.4 discusses the development of the Project site and its environs based on this review (NETR 2022; UCSB 2022).

2.4 Aerial Photograph Review

To understand the development of the Project site, a review of all available historic aerial photographs, accessed via the Nationwide Environmental Title Research LLC (NETR) and the University of California, Santa Barbara (UCSB), was conducted. A discussion of the aerial photographs that documented the subject parcels, taken between 1938 and 2020, is included below (Table 4) (NETR 2022; UCSB 2022).

Table 4. Historical Aerial Photograph Review of the Project Site

Photograph Year	Observations and Findings
1938 (UCSB 2022)	The area surrounding the Project site is largely agricultural, developed with small residential farms and orchards, within a well-defined grid-system. The Project site is a large, open field that appears to be bound by ditches to the north and east, South Riverside Avenue (contemporary name) to the west, and a well-defined two-lane road to the south. A natural slough meanders (generally northwest/southeast) and skirts the east boundary of the Project site. The Union Pacific railroad is located south of the Project site, connecting the agricultural area to regional markets.
1948 (NETR 2022)	The Project site has retained a rural setting and appears to still be one large parcel. A building (non-extant) has been constructed along the Project site's western boundary and three (non-extant) ancillary buildings are scattered behind (east) of the residence. The road south of the Project site has been expanded and widened.
1953 (UCSB 2022)	Although the region continues to be dotted with orchards, many of the formerly agricultural properties have been subdivided into long, rectangular, residential parcels. West Valley Boulevard now fronts the Project site to the north, which has been subdivided into its contemporary parcels and developed with buildings. The Project site remains primarily undeveloped, albeit with some scattered development on the parcels of present-day Property 1 and Property 5 (not extant today). Property 4A is extant and Property 4B appears to be under construction.
1959 (NETR 2022)	Suburban growth has continued, but the Project site's setting continues to be largely agricultural. The parcels on which Properties 2 and 3 sit have been developed with at least nine (non-extant) buildings. The Project site's southeast corner has been rounded by the expansion of I-10. The natural slough has been channelized and Alice Avenue now binds the Project site's east edge.
1962 (UCSB 2022)	The I-10 has been further expanded which further reshaped the Project site's southern boundary. Additional development is visible on the lot of present-day Property 1 and Property 2. The parcels on which Properties 2 and 3 sit have been developed with additional structures. At this time, there were also two ancillary structures extant to the west of Property 1 (not extant today).
1966 (NETR 2022)	There have been no apparent changes to the Project site. A line of young trees is visible between the Project site and I-10. Property 1 is extant.

Table 4. Historical Aerial Photograph Review of the Project Site

Photograph Year	Observations and Findings
1968 (NETR 2022)	Orchards and agricultural fields still dot the region, but residential neighborhoods and light-industrial and commercial development expanded. At this time, the Project site is more visibly associated with the vehicular and trucking businesses. There is visible vehicular debris and what appears to be a figure-8-shaped track at the east side of the Project site.
1978 (UCSB 2022)	There have been significant changes to the Project site. A building has been removed from the parcel on which Property 1 sits. Property 2 Property 3, and Property 5 are extant by this time,
1980 (NETR 2022)	The region's orchards have been removed. The surrounding landscape is clearly subdivided, but undeveloped, lots; tightly packed residential communities; or light-industrial and/or commercial properties. The properties that line I-10, now an eight-lane highway, are predominantly developed with one to three-story commercial businesses, prefabricated light-industrial warehouses, or railroad facilities. There are, however, scattered residences as well. A row of mature trees continues to line the south border of Property 4A and 4B's parcel and appears to block the view of I-10. By this time, it appears that the other buildings located on Property 2's parcel have been demolished.
1985 (NETR 2022)	All ancillary buildings have been removed from the Project site. Most of the trees have been removed from the southern boundary of Property 4A and 4B's lots which has been reshaped and is no longer a rectangular property. The southern boundary now curves and meets the northeast corner at point.
1986-2020 (NETR 2022)	There are no apparent changes to the Project site.

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3 Historic Context

3.1 Historic Period Overview

Post-contact history for the State of California is generally divided into three periods: the Spanish Period (1769–1822), Mexican Period (1822–1848), and American Period (1848–present). Although Spanish, Russian, and British explorers visited the area for brief periods between 1529 and 1769, the Spanish Period in California begins with the establishment in 1769 of a settlement at San Diego and the founding of Mission San Diego de Alcalá, the first of 21 missions constructed between 1769 and 1823. Independence from Spain in 1821 marks the beginning of the Mexican Period, and the signing of the Treaty of Guadalupe Hidalgo in 1848, ending the Mexican–American War, signals the beginning of the American Period when California became a territory of the United States. This section is included to provide relevant context and allow for a better understanding of the development of the area surrounding the proposed Project site.

Spanish Period (1769–1822)

Spanish explorers conducted sailing expeditions along the coast of Southern California between the mid-1500s and mid-1700s. In search of the legendary Northwest Passage, Juan Rodríguez Cabrílllo stopped in 1542 at present-day San Diego Bay. With his crew, Cabrílllo explored the shorelines of present-day Catalina Island as well as San Pedro and Santa Monica Bays. Much of the present California and Oregon coastline was mapped and recorded in the next half-century by Spanish naval officer Sebastián Vizcaíno. Vizcaíno's crew also landed on Santa Catalina Island and at San Pedro and Santa Monica Bays, giving each location its long-standing name. The Spanish crown laid claim to California based on the surveys conducted by Cabrílllo and Vizcaíno (Bancroft 1885; Gumprecht 1999).

More than 200 years passed before Spain began the colonization and inland exploration of Alta California. The 1769 overland expedition by Captain Gaspar de Portolá marks the beginning of California's Historic period, occurring just after the king of Spain installed the Franciscan Order to direct religious and colonization matters in assigned territories of the Americas. With a band of 64 soldiers, missionaries, Baja (lower) California Native Americans, and Mexican civilians, Portolá established the Presidio of San Diego, a fortified military outpost, as the first Spanish settlement in Alta California. In July of 1769, while Portolá was exploring Southern California, Franciscan Fr. Junípero Serra founded Mission San Diego de Alcalá at Presidio Hill, the first of the 21 missions that would be established in Alta California by the Spanish and the Franciscan Order between 1769 and 1823 (Bancroft 1885; Gumprecht 1999).

Mission San Gabriel Arcángel, in San Gabriel Valley (modern-day Alhambra), was established in 1771 as the fourth mission. Though the original 1771 mission was destroyed in a flash flood, a new mission was built in 1776 and El Pueblo de Nuestra Señora la Reina de Los Ángeles, further west, was established in 1781 to support this mission. The mission, like many other Spanish occupations, used Spanish military forces to compel the local Tongva population into the mission's service, baptizing them as neophytes and renaming them the Gabrieliños. The San Gabriel Mission lands extended from Los Angeles east as far as San Bernardino de Sena Estancia (1810), and the San Bernardino Valley. This includes present-day Rancho Cucamonga, which was one of the primary ranchos under Mission San Gabriel Arcángel's control (Mertz 1976: 8). The Tongva village at Kuukaamonga (Red Hill; purported to mean "sandy place" Mertz 1976: 7) persisted through this period and its name was first recorded in 1785 by the missionaries at Mission San Gabriel Arcángel. In the same mission baptismal register, the Tongva and Serrano village names of Cucamonga, Cucamobit, and Cucamabuit, etc., occurred 102 times for the period 1785-1813 (Chattel 2010; Heizer 1978).

Despite early European and Spanish contact in 1771, many Serrano remained relatively autonomous until the mid- to late-1800s. However, there is an indication that Serrano peoples closest to the missions of San Fernando and San Gabriel were more heavily missionized and removed from their villages en masse between the years 1819 and 1834 (Bean and Smith 1978a; Warren 1984; Jessica Mauck, personal communication 2019). Today, the San Manuel Band of Mission Indians is Serrano, while Morongo includes Serrano and Cahuilla peoples, and the Serrano Nation is comprised of Serrano peoples.

Mexican Period (1822–1848)

A major emphasis during the Spanish Period in California was the construction of missions and associated presidios to convert the Native American population to Christianity and integrated communal enterprise. Incentives were also provided to bring settlers to pueblos or towns, but just three pueblos were established during the Spanish Period, only two of which were successful and grew into California cities (San José and Los Angeles). Several factors kept growth within Alta California to a minimum, including the threat of foreign invasion, political dissatisfaction, and unrest among the indigenous population. After more than a decade of intermittent rebellion and warfare, New Spain (Mexico and the California territory) won independence from Spain in 1821. In 1822, the Mexican legislative body in California ended isolationist policies designed to protect the Spanish monopoly on trade and decreed California ports open to foreign merchants (Dallas 1955; Kyle et al 2002).

Extensive land grants were established in the interior during the Mexican period, in part to increase the population inland from the more settled coastal areas where the Spanish first concentrated their colonization efforts. The Project site, and the majority of the City of Highland fell within Rancho San Bernardino, an *asistencia* that had been created by Mission San Gabriel in 1819, just a few years before independence. After Mexico's Secularization Act of 1833, all Mission lands were secularized and removed from the control of the church and given to political figures, friends, and members of the military. In 1842, Governor Juan B. Alvarado awarded the 35,509 acres of San Bernardino and Yucaipa Valleys to Don Antonio Maria Lugo for his three sons: José del Carmen Lugo, José Maria Lugo, Vicente Lugo, and José del Carmen's friend, Diego Sepulveda. The Lugo sons grazed cattle extensively in the area, turning their family industry to beef and cattle hides (Bancroft 1885; Brown and Boyd 1922; Dallas 1955).

During the supremacy of the ranchos (1834–1848), landowners largely focused on the cattle industry and devoted large tracts to grazing. Cattle hides became a primary Southern California export, providing a commodity to trade for goods from the east and other areas in the United States and Mexico. The number of non-native inhabitants increased during this period because of the influx of explorers, trappers, and ranchers associated with the land grants. The rising California population contributed to the introduction and rise of diseases foreign to the Native American population, who had no associated immunities (Dallas 1955).

American Period (1848–Present)

War in 1846 between Mexico and the United States precipitated the Battle of Chino, a clash between resident *Californios* and Americans in the Highland area. The Mexican–American War ended with the Treaty of Guadalupe Hidalgo in 1848, ushering California into its American period. California officially became a state in 1850. Horticulture and livestock, based primarily on cattle as the currency and staple of the rancho system, continued to dominate the Southern California economy through the 1850s. The Gold Rush began in 1848, and with the influx of people seeking gold, cattle were desired not just for their hides but also as a source of meat and other goods. During the 1850s cattle boom, rancho *vaqueros* drove large herds from Southern to Northern California to feed that region's burgeoning mining and commercial boom. The cattle boom ended for Southern California as

neighboring states and territories drove herds to Northern California at reduced prices. Operation of the huge ranchos became increasingly difficult, and droughts severely reduced their productivity (Cleland 2005).

3.2 Historical Overview of the City of Rialto (1881-present)

In the 1880s, the expansion of the nation's railroad network facilitated travel westward. The small settlement of Hinkley (originally spelled Hinckley for an early setter's son), was founded in 1881 upon the arrival of the Southern Pacific Railroad (along the present-day path of CA SR 58). By 1883, the land that now makes up the City of Rialto was originally part of Rancho San Bernardino, which was established by the San Gabriel Mission in the early nineteenth century. The rancho encompassed much of present-day San Bernardino, Fontana, Rialto, Redlands, and Colton. After Mexico gained control of California, the missions were secularized, and what once was mission land was granted to private individuals. Jose del Carmen Lugo, a member of a wealthy family, petitioned Governor Alvarado for a grant of the San Bernardino Rancho, where his family had been farming and grazing (Beattie 1933). The land was granted to the Lugo family on June 21, 1842, who continued grazing livestock in the area and built several adobes.

By 1851, the Lugo family sold eight leagues of their rancho for $75,000 to Mormon settlers who were attempting to create a new colony of the Latter-Day Saints. The colonists gave rise to the City of San Bernardino, though the area encompassed parts of present-day Rialto as well. Although the colony boasted a high population and even created its own political institution separate from the City of Los Angeles, it was plagued by large debt, discontent among the settlers with the church, and a growing disdain by the public for Mormons, particularly after the Mormon Rebellion of the late 1850s (Lyman 1989; Masters 2015). Church leaders struggled to maintain religious fervor among many of the San Bernardino residents, and many settlers appeared to make the move to San Bernardino to facilitate their own separation from the church's strict policies (Lyman 1989). After the Mountain Meadows Massacre of 1857, during which Mormons settlers in Utah ambushed and murdered non-Mormon settlers, the Mormon colony of San Bernardino was completely alienated from non-Mormon communities of Southern California, and anti-Mormon hostility reached its peak. It was at this time that Brigham Young summoned the devout to return to Utah. In 1856, before the exodus of many Mormons, the area had 3,000 inhabitants, of which 84% were Mormon. However, 1,400 returned to Utah, while the remaining 1,600 decided to abandon the church and make a life for themselves in California. This return rate for the Mormon colony of San Bernardino was much lower than many other Mormon settlements outside of Utah, indicating the growing disillusionment and discontent that the San Bernardino residents felt with the church or their attachment to their settlement in San Bernardino (Adams 2004; Lyman 1989).

After the decline of the Mormon colony, the area developed slowly until 1887 when a new section of the Santa Fe Railroad was established through San Bernardino County. Like other parts of San Bernardino County, the construction of the railroad created a land speculation boom and a series of towns were established along the railroad's route. One such was Rialto, which was laid out by the Semi-Tropic Land and Water Development Company in 1887 at a cost of $670,000. While much of the early development efforts included brush clearing and town planning, a reliable water source was also a necessary component of the successful development of Rialto. To provide a reliable water source, the Semi-Tropic Land and Water Company built a concrete-lined canal that provided water from Lytle Creek Canyon to Riverside Avenue in Rialto. The Semi-Tropic Land and Water Company was formed by a group of associates, including Sam Merrill, a successful businessperson and banker from Iowa who came to the area and settled in Rialto once it was developed. Merrill's residence was one of the numerous grand homes in

the area and was constructed at a cost of $15,000. Merrill continued to live in Rialto and eventually there was a street named in his honor (Adams 2004).

In the early years, Rialto was a small town that was largely rooted in an agricultural economic system based largely on citrus orchards that were located on the outskirts of the downtown core of the City. The earliest Sanborn map of Rialto dates to 1892 and shows a small town laid out in a grid pattern with a small collection of houses spaced throughout town. The town also included the following: blacksmith shop, school, cement pipe yard, lumberyard, drug store, merchandise store, railroad depot, and offices for the Semi-Tropic Land and Water Company. The largest building in town was identified on the Sanborn Map as the Semi-Tropic Hotel located on Riverside Avenue (Sanborn 1892a, 1892b).

Growth and development of Rialto continued throughout the nineteenth century and into the twentieth century. By 1907, Rialto established a Chamber of Commerce to support the growing town and its businesses. The 1907 Sanborn map shows an increase in residential buildings throughout the town to support the growing population. In addition to residential development, more defined commercial development is indicated with new business types emerging along Riverside Avenue since 1892. New businesses included a bakery, livery, wagon shop, and barbershop. Other changes to the town seen on the 1907 Sanborn Map include the emergence of fruit packing houses that served to support the citrus industry that was prospering on the outskirts of the town (Sanborn 1907a, 1907b, 1907c). The growth and development continued over the next few years, and by the City's incorporation in 1911, there were 1,500 residents, 40 businesses, and a local newspaper (Adams 2004; City of Rialto 2016; Sanborn 1892a, 1892b, 1907a, 1907b, 1907c, 1911a, 1911b, 1911c, 1911d).

Rialto continued to grow throughout the 1910s with significant advances in transportation, including the transition of Foothill Boulevard to become part of the United States highway system as a section of Route 66 in 1913. Another advancement in transportation came the following year in 1914 when the San Bernardino Line of the Los Angeles Pacific Electric Railway was completed. However, disaster struck in the 1920s when a fire destroyed much of the downtown area (Adams 2004; City of Rialto 2016).

Like many other cities in California, World War II influenced Rialto's growth and development. During the war, a large ammunition dumpsite was put into operation in the City. Following the war, the ammunition dumpsite was taken over by a rocket-building subsidiary of B.F. Goodrich. Wartime and postwar industrial growth sparked the need for additional residential buildings to support workers and the general postwar population growth seen throughout Southern California. From the beginning of the 1950s to the end of the decade, the population of the City skyrocketed from 3,156 to 15,359. To manage this growth and development, residential subdivisions began to replace large agricultural parcels and citrus groves outside the downtown city core, and increased industrial and commercial development followed. The City continued to grow throughout the late twentieth century and continues to grow today with the most current population being reported at over 100,000 (City of Rialto 2016).

3.3 History of the Project site

The Project site is located in the City of Rialto, approximately 80 feet north of the Interstate-10 San Bernardino (I-10). It consists of 11 total parcels and has six (6) buildings 45 years of age or older. Prior to the construction of the currently extant buildings, the Project site appears to have been agricultural. The Project site and surrounding area experienced extensive development between circa 1948 and 1959, at which time the Project site appears to have been subdivided into individual parcels and the formerly agricultural nature of the site transitioned into light industrial and commercial (Exhibit 1). Development on the Project site continued into the 1970s. This mirrored

larger trends in the City of Rialto in the post-World War II years as increased population led to increased residential, commercial, and industrial development. By 1980, the I-10 had been expanded to an 8-lane highway, forcing Property 4's southeast border to curve northward and connect to the parcel's northeast corner.

This increased light industrial development transformed the Project site, including through the eventual development of Properties 1, 2, 3, 4A, 4B, and 5. The businesses operating on the Project site appear to have primarily been related to automotive and trucking service, repair, and storage, uses that have continued to the present day. Today, all the buildings are part of a complex with a truck driving school and trucking repair and storage businesses.

Exhibit 1. 1948 aerial photograph of the Project site showing it undeveloped and surrounded by agricultural land (L) and 1959 aerial photograph of the Project site showing the development of the Project site (R) (NETR 2022)



3.3.1 Property 1: 253 W. Valley Boulevard (0132-171-05)

Property History

Property 1 is a nondescript warehouse with no discernable architectural style located at the northern boundary of the Project site. Property 1 was constructed circa 1964 and has served as a warehouse for a variety of businesses, primarily related to automotive and trucking repair and storage. An aerial photograph from 1966 shows Property 1 extant is its current configuration (Exhibit 2); however, a building permit was issued for the property's parcel in 1964, indicating that Property 1 may have been extant by that time (City of Rialto 1964: Building Permit 21095).

At the time of its construction, Property 1 was one of approximately three structures on its parcel (visible in previously referenced Exhibit 2). Building permits and newspaper articles indicate that these structures likely served as offices for the various businesses that occupied the site. In 1968, for example, the address at which Property 1 is located was advertised in the *San Bernardino County Sun* as a rental and described as "office and fenced yard space" (San Bernardino County Sun 1968: 27) and the following year it was advertised as "private office for rent with private bathroom. Ideal for construction company or building trade. Fenced storage lot available" (San Bernardino County Sun 1969: 30). Per aerial photographs, these other structures were no longer extant by 1980 (NETR 2022).

Exhibit 2. 1966 aerial photograph showing Property 1 extant (UCSB 2022) with additional structures (no longer extant) to its west.



Occupancy History

Table 5 below includes known owners and occupants of Property 1 since its construction circa 1964. Research did not reveal that these owners or occupants are persons important to our past.

John A. Swanson originally owned the property. Although Swanson died in 1967, ownership of the property remained under his name until 1981 according to the San Bernardino County PIMS. Research did not identify biographical or professional information on John A. Swanson or the company he operated out of Property 1, C. & J. Compressor Service. (County of San Bernardino PIMS; City of Rialto 1964: Building Permit 21095; San Bernardino County Sun 1967: 23; San Bernardino County Sun 1962: 9).

Irvin O. Thompson owned Property 1 from 1981 until 2000. Thompson also owned Property 2, 3, 4A, and 4B at the same time. From 1981 to circa 1992, Property 1 was occupied by Ability Truck Parts, Thompson's company. Thompson established his primary commercial enterprise, Ability Heavy (formerly House) Movers at 285 West Valley Boulevard (located approximately 2.5 miles east of Parcel 2) in the early 1960s. Ability Truck Parts appears to be an extension of the heavy-duty moving operation and Property 1 housed the company's automotive components. Although Thompson owned Property 1 until 2000, historic permits indicate that Ability Truck Parts ceased operating from the property circa 1992 (San Bernardino County PIMS; San Bernardino County Sun 1992: 24; San Bernardino County Sun 1969: 46).

Table 5. Ownership/Occupancy for Property 1: 253 W. Valley Boulevard (APN 0132-171-05)

Years	Owner/Occupant	Name	Notes	Source
c. 1964 - 1978	Owner	John A. Swanson	Property 1 original owner and owner of C&J Compressor Service. Swanson died in 1967, but the property remained under his name until 1978 per PIMS.	UCSB 2022 City of Rialto 1964: Building Permit 21095 PIMS San Bernardino County Sun 1967: 23
c. 1964-1967	Owner and occupant	C&J Compressor Service	Automotive air compressor service	San Bernardino County Sun 1968: p. 27
1968 - 1978	N/A	Vacant/unknown	Property listed as being "For rent" in newspaper articles from 1968 and 1969. Unclear use of property post-1969.	San Bernardino County Sun 1968: p. 27
1978 - 1981	Owner	Roy Cutter	Research did not identify additional biographical or professional information.	PIMS
1981 - 2000	Owner	Irvin O. Thompson	Thompson owned the property until 2000. Thompson also owned Property 2, 3, 4A, and 4B at this time. Research did not identify additional biographical or professional information.	PIMS San Bernardino County Sun 1992: 24
1981-1992	Owner and occupant	Ability Truck Parts	Ability Truck Parts was owned by Thompson and was part of his moving business, Ability Moving, located approximately 2.5 miles east of Property 1.	San Bernardino County Sun 1992: 24
1993 – c. 1999	Occupant	John R. Holb/ Concrete Tie MFG Company	Holb rented the property from Thompson	PIMS
1999	Owner and occupant	Israel Michael Shapi/$10 Shoes	Research did not identify biographical information or information on this business.	City of Rialto 1999: Change of Occupancy 99001108
2022	Unclear	Pacific Store Fixtures	Research did not identify information on this business.	Google

Architect / Builder

There is no original building permit on file for Property 1 and additional research did not identify the name of the property's original architect or builder. A building permit from 1964 for interior renovations listed Bruce Philips as the architect. Research, including through Newspapers.com, Ancestry.com, and through the historical directory of the American Institute of Architects (AIA), did not identify biographical or professional information on the architectural career of Bruce Philips.

3.3.2 Property 2: 285 S. Willow Avenue (APN 0132-171-03)

Property History

Property 2 is a nondescript office building with no discernable architectural style originally constructed between 1968-1977 per aerial photographs (Exhibit 3; UCSB 2022). The property appears to have originally been constructed as an office for Caudill's Auto Service, which opened in the 1960s and was originally comprised of approximately ten buildings (Exhibit 3; San Bernardino County Sun 1966: 26). Only one other building from the ten buildings associated with Caudill's is still extant (located on Property 3 discussed in Section 3.3.3 below). Per aerial photographs, the majority of these structures were demolished by 1980 (NETR 2022; UCSB 2022).

Property 2 appears to have continued to serve automotive and trucking businesses, such as A-1 Auto Body (1979-1981) in subsequent years. From 1981 to 2021, Property 2 was owned by the same series of owners as Property 1, 3, 4A and 4B. While there appears to have been some overlap in businesses during this time period (Ability Truck Parts appears to have operated out of all of these buildings from 1981 until 1992), they also had different occupants over the years. Today, Property 2 serves as an office for the trucking service, repair, and driving school located on the Project site. (NETR 2022a; UCSB 2022; Google 2022).

Exhibit 3. 1966 aerial photograph (L) showing the buildings comprising Caudill's Auto Service; Property 2 (outlined in red) was not yet extant. 1977 aerial photograph (R) showing that Property 2 (outlined in red) was extant (NETR 2022; UCSB 2022)



Ownership/Occupancy History

Table 6, below, lists the ownership history information available identified through research efforts from Property 2's circa 1968-1977 construction to the present day. There is no original building permit on file and research did not indicate an original owner of Property 2. Property 2 appears to have served as an office space for an automotive repair business and has continued to serve as an office space for the existing trucking business on the parcel today. Additional information on the property's history and its various owners is provided in the "Notes" column of the below table. Research did not reveal that these owners or occupants are persons important to our past.

Table 6. Ownership/Occupancy for Property 2: 285 S. Willow Avenue (APN 0132-171-03)

Years	Owner/Occupant	Name	Notes	Source
c. 1968 - 1979	Owner	Caudill's Auto Service	Auto repair business	San Bernardino County Sun 1966: 26 San Bernardino County Sun 1979b: 24
1979-1981	Owner	A-1 Auto Body	Auto repair business	San Bernardino County Sun 1979b: 24
1981 - 2000	Owner	Irvine O. Thompson/ Ability Truck Parts	Thompson also owned Property 1 at this time and operated his business, Ability Truck Parts, out of the property. He likely operated Ability Truck Parts out of Property 2 as well. Thompson also owned Properties 3, 4A and 4B at this time.	PIMS San Bernardino County Sun 1992: 24 San Bernardino County Sun 1969: 46
2000-2003	Owners	James and Marcy O'Neil Shirley M. Tolleson Rodney and Caroline Collin	According to PIMS, several people owned Property 2 in this period. Research did not identify additional biographical or professional information on these individuals.	PIMS
2003-2018	Owner	Irvine O. Thompson Trust	Research did not identify information on this Trust. Owners also owned Property 4A and 4B at this time.	PIMS

Table 6. Ownership/Occupancy for Property 2: 285 S. Willow Avenue (APN 0132-171-03)

Years	Owner/Occupant	Name	Notes	Source
2019	Owner	Long Family Trust	Research did not identify information on this Trust. Owners also owned Property 4A and 4B at this time.	PIMS
2019-2021	Owner	Newell Family Trust	Research did not identify information on this Trust. Owners also owned Property 4A and 4B at this time.	PIMS
2021-present	Owner	Stallion Realty LLC	Research did not identify information on this LLC. Owners also owned Property 4A and 4B at this time.	PIMS

Architect / Builder

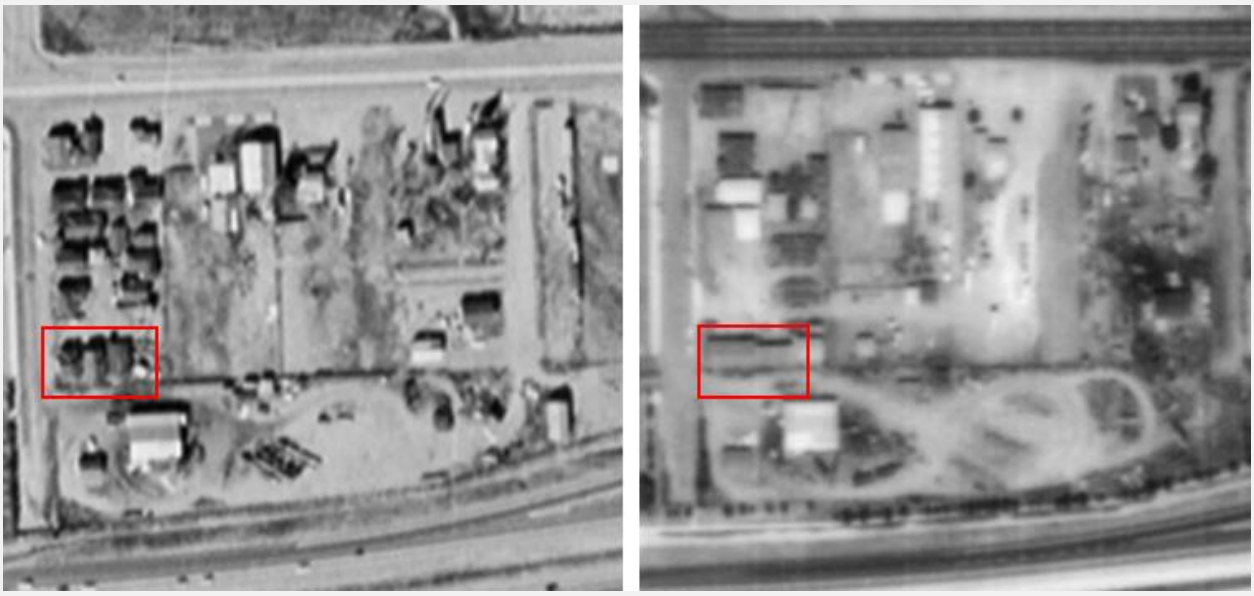
There is no original building permit on file for Property 2 and additional research did not identify the name of the property's original architect or builder.

3.3.3 Property 3: No associated address (APN 0132-171-01)

Property History

Property 3 is a nondescript warehouse and garage with no discernable architectural style originally constructed circa 1968 per aerial photographs (Exhibit 4; UCSB 2022; NETR 2022). At the time of Property 3's construction, the parcel on which it sits had been improved with approximately ten structures (none of which are extant in 2022). It appears that Property 3 was constructed as one of the structures originally serving Caudill's Auto Service, which began operating at the Project site in the 1960s (San Bernardino County Sun 1966: 26). Property 2, described above in Section 3.3.3, was also constructed as part of Caudill's Auto Service. It appears that Property 3 continued to serve as a warehouse and garage for the various primarily automotive and trucking businesses that operated from the Project site in subsequent years. From 1981 to 2021, Property 3 was owned by the same series of owners as Property 1, 2, 4A and 4B, and while there appears to have been some overlap in businesses (Ability Truck Parts appear to have operated out of all of these buildings from 1981 until 1992), they also had different occupants over the years.

Exhibit 4. 1962 aerial photograph (L) before the construction of Property 3 and 1968 aerial photograph (R) showing the property extant (UCSB 2022; NETR 2022)



Ownership/Occupancy History

There was no property ownership information for Property 3's APN in the San Bernardino County PIMS and additional research did not identify owners or occupants of Property 3. Property 3 and Property 2 likely served the same businesses over time, based on their proximity. Today, both properties serve the trucking service, repair, and driving school that operates from the Project site. See Section 3.3.3 for additional detail on the businesses occupying these sites. Research did not reveal that these owners or occupants are persons important to our past.

Architect/Builder

There is no original building permit on file for Property 3 and additional research did not identify the name of the property's original architect or builder.

3.3.4 Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01)

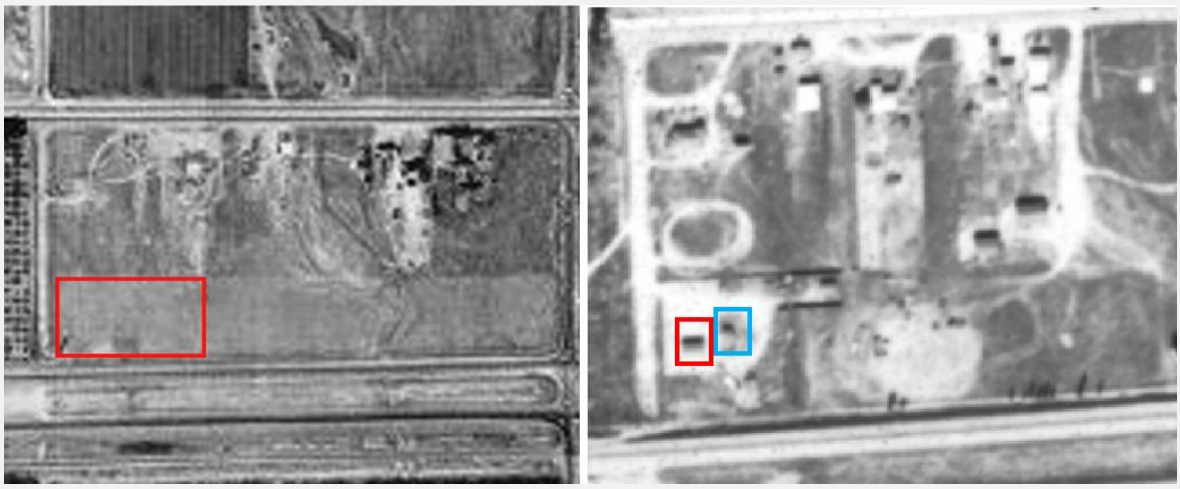
Property 4A is a nondescript office building with no discernable style and property 4B is a nondescript warehouse and garage with no discernable style. The two buildings are located on the same parcel and have historically served the same businesses. Therefore, they are discussed together in the following section.

Property History

Aerial photographs indicate that Property 4A was extant by 1953 and property 4B was under construction by 1953 (Exhibit 5; UCSB 2022). Research did not identify an original owner or occupancy of Property 4A and 4B, however,

it appears that both properties served various businesses, including R. Thompson Trucking in the 1970s and 1980s. From 1981 to 2021, Property 4A and Property 4B were owned by the same series of owners as Property 1, 2 and 3. While there appears to have been some overlap in businesses during this time period (Ability Truck Parts appear to have operated out of all of these buildings from 1981 until 1992), they also had different occupants over the years. Today, Property 4A and Property 4B serve the trucking service, repair, and driving school that operate from the Project site.

Exhibit 5. 1948 aerial photograph showing the future location of Property 4A and 4B (outlined in red) and 1953 aerial showing that Property 4a (Office; red outline) is extant and Property 4B appears to be under construction (blue line). Both Property 4A and 4B are fully visible in a 1959 aerial photograph (UCSB 2022; NETR 2022).



Occupancy History

Table 7, below, lists the ownership history information available identified through research efforts from Property 4A and 4B's circa 1953 construction to the present day. There are no original building permits on file for Property 4A and 4B and research did not indicate an original owner of Property 4A or 4B. Additional information on the property's history and its various owners is provided in the "Notes" column of the below table. Research did not reveal that these owners or occupants are persons important to our past.

Table 7. Ownership/Occupancy for Property 4A and 4B: 1743 S. Willow Avenue (APN 0132-171-03)

Years	Owner/Occupant	Name	Notes	Source
c. 1970-1979	Owner and occupant	Inez and Ronald Gerald Thompson/ R. Thompson Trucking	Proprietors of R. Thompson Trucking.	San Bernardino County Sun 1973: 20. San Bernardino County Sun 1974: 24. San Bernardino County Sun 1979c: 11

Table 7. Ownership/Occupancy for Property 4A and 4B: 1743 S. Willow Avenue (APN 0132-171-03)

Years	Owner/Occupant	Name	Notes	Source
1979	Occupant	Kenneth Charles Fairburn/Fairburn Transportation	Trucking business that was in operation for 35 years; research only identified its location as being at Property 4A/4B in 1979.	San Bernardino County Sun 1979a: 11 San Bernardino County Sun 1991: 18
1981 - 2000	Owner	Jean and Irvine Thompson/Ability Truck Parts	Thompson also owned Property 1, 2, 4A and 4B at this time and operated his business, Ability Truck Parts, from Property 1 until circa 1992. It is likely Ability Truck Parts also operated out of Property 4A and 4B.	PIMS
2000-2007	Owner	Shirley and Forest G. Tolleson Marcy James E. O'Neil Carolyn and Rodney Collin	Research did not identify information on these owners. Owners also owned Properties 2 and 3 at this time.	PIMS
2004	Occupant	Terrill E Stewart/GWP	GWP was a golf cart retail sales company.	City of Rialto 2004: Building Permit 2004-1693
2007-2018	Owner	Irvine Thompson Trust	Research did not identify information on this Trust. Trust also owned Property 2 and 3 at this time.	PIMS
2018 - 2019	Owner	Long Family Trust	Research did not identify information on this Trust. Trust also owned Property 2 and 3 at this time.	PIMS

Table 7. Ownership/Occupancy for Property 4A and 4B: 1743 S. Willow Avenue (APN 0132-171-03)

Years	Owner/Occupant	Name	Notes	Source
2019-2021	Owner	Newell Family Trust	Research did not identify information on this Trust. Trust also owned Property 2 and 3 at this time.	PIMS
2021	Owner	Stallion Realty LLC	Research did not identify information on this LLC. LLC also owned Property 2 and 3 at this time.	PIMS

Architect/Builder

There is no original building permit on file for Property 4A or 4B and additional research did not identify the name of the property's original architect or builder.

3.3.5 Property 5: 213 W Valley Blvd (APN 0132-171-10; 0132-171-13)

Property History

Property 5 is a single commercial building sitting on two parcels and constructed in 1978 (San Bernardino County Assessor; San Bernardino County Sun 1978: 32). Property 5 was constructed in 1978 as a truck service station. Since its construction, Property 5 has served this function, primarily operating as HL Clements Trucking. Today, the property continues to serve as an active truck service station.

Occupancy History

Table 8, below, lists the ownership history information available identified through research efforts from Property 5's circa 1978 construction to the present day. The original business operating out of Property 5 was H.L Clemons Trucking. Additional information on the property's history and its various owners is provided in the "Notes" column of the below table. Research did not reveal that these owners or occupants are persons important to our past.

Table 8. Ownership/Occupancy for Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13)

Years	Owner/Occupant	Name	Notes	Source
1978 - 2014	Owner	Harold and Gloria Clemons/Clemons Third Family LT/ H.L Clemons Trucking	The LTD took over ownership beginning in 1992. The Clemons ran H.L Clemons Trucking, a truck service business.	PIMS San Bernardino County Sun 1978: 32
2014 - 2019	Owner	Silvio and Djamila Arapovic	Research did not identify biographical or professional information.	PIMS
2019	Owner	Royal Anchor Group LLC	Research did not identify information on this LLC.	PIMS

Architect / Builder

There is no original building permit on file for Property 5 and additional research did not identify the name of the property's original architect or builder.

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4 Field Survey

4.1 Methods

Dudek Architectural Historian Claire Cancilla, MSHP, conducted an intensive survey of the Project site on December 13, 2022. Ms. Cancilla meets the Secretary of the Interior's Professional Qualifications Standards for architectural history. The survey entailed walking around the building exteriors of each property, documenting each with notes and photographs, specifically noting character-defining features, spatial relationships, observed alterations, and examining any historic landscape features on the properties.

4.2 Results

Six (6) buildings over 45 years or older were surveyed for the 6.19-acre Alice/Willow Warehouse Project site. The six buildings consisted of Property 1: 253 W. Valley Boulevard (APN 0132-171-05); Property 2: 285 S. Willow Street (APN 0132-171-03); Property 3: No associated address (APN 0132-171-01); Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01); and Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13). All six buildings are over 45 years old and were identified as requiring recordation and evaluation for historical significance. They are described and evaluated for historical and architectural significance in Section 5. Evaluations of Significance.

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5 Evaluations of Significance

In order to determine if the proposed Project will impact historical resources under CEQA, all buildings or structures over 45 years in age within the Project site were evaluated for historical significance and integrity in consideration of NRHP, CRHR, and City of Rialto designation criteria and integrity requirements. This includes Property 1: 253 W. Valley Boulevard (APN 0132-171-05); Property 2: 285 S. Willow Street (APN 0132-171-03); Property 3: No associated address (APN 0132-171-01); Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01); and Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13).

5.1 Property 1: 253 W. Valley Boulevard

Property Description

Property 1 is a nondescript, utilitarian warehouse with no discernable architectural style constructed circa 1964 per aerial photographs (NETR 2022; UCSB 2022). The property is simple with no ornamentation. It is oriented with its primary (north) elevation facing West Valley Road and is situated on a large, paved lot. Property 2 is located approximately 230 feet west and Property 3 is located approximately 100 feet east.

Property 1 is one-story with a rectangular plan and a front gable roof, clad in corrugated metal. The primary (north) elevation (Exhibit 6) features an asymmetrical arrangement of a garage bay with metal fold-down door, and a metal framed window with metal security bars added. Next to the window is a door that appears to be made of wood, obscured by a chain-link fence that runs on either side of the elevation. The rear (south) elevation has a loading dock with two loading bays with metal fold down doors, and a wood door. The side (east) elevation has two types of cladding: concrete brick and vertical concrete panels. The elevation is blank except for a wood-framed window cut out that has been boarded up. The side (west) elevation features an asymmetrical arrangement of six window openings; two metal framed multi-light windows with metal security bars, two double-hung metal framed windows with security bars, and two window openings covered with corrugated metal. A metal fence protrudes south along the west elevation (Exhibit 7).

Exhibit 6. Oblique view of the primary (north) and east elevations of Property 1, view to the southwest (Dudek IMG_1912)



Exhibit 7. Oblique view showing the west and rear (south) elevations of Property 1, view of the northeast (Dudek IMG_1885)



Identified Alterations

Building permits were on file at the City of Rialto Building Division for Property 1. Table 9 includes all known alterations to Property 1. This table was compiled through archival research of City of Rialto building permits provided to Dudek by the City's Building & Safety Division. Electrical, plumbing, mechanical permit as well as occupancy and inspection documents were also provided by the City, but are not included in the below table.

Table 9. Building Permits for Property 1: 253 West Valley Boulevard (APN 0132-171-05)

Date	Address	Permit Number	Description of Work	Owner	Architect (A)/ Contractor (C)	Valuation
10/20/1964	253 West Valley Boulevard	21095	Excavation, bond, and beam work	C.E. Swanson	Bruce Philips (A)	$4,914
10/6/1966	253 West Valley Boulevard	23589	Remodel office	C.E. Swanson	Roy Cutter (C)	$1,000
1/4/1984	253 West Valley Boulevard	51920	Interior alterations	Irvin O. Thompson	Carolyn Cellen (C)	$1,000

NRHP/CRHR Evaluation of Significance

Property 1: 253 West Valley Boulevard (APN: 0132-171-05) does not meet any of the criteria for listing in the NRHP or CRHR, either individually or as part of an existing historic district, as demonstrated below.

Criterion A/1: That are associated with events that have made a significant contribution to the broad patterns of our history.

Archival research of Property 1: 253 West Valley Boulevard (APN: 0132-171-05) did not find any associations with events that have made a significant contribution to the broad patterns of history. Property 1 is a nondescript warehouse with no discernable architectural style constructed circa 1964. The area in which Property 1 sits began to be developed with light industrial and commercial properties beginning in the 1950s and continuing through the 1970s. This trend of development was part of a post-World War II population and development boom that occurred in communities throughout Southern California. From the start of the 1950s to the end of the decade, the population in Rialto grew from 3,156 to 15,359 (City of Rialto 2016). As a result of this population growth and associated development pressure, the formerly agricultural nature of the area surrounding the Project site correspondingly changed in the postwar decades, including the development of Property 1.

At the time of Property 1's construction, the Project site had already been developed with structures that appear to have primarily served automotive and trucking businesses. Property 1 originally served as a warehouse for C&J Compressor Services, an auto repair business. While Property 1 is an example of increased post-World War II development that occurred in Rialto in the postwar decades, there is no indication that the construction of this specific property marked a pivotal point in the history of the neighborhood or city. It was neither the first nor the last of its type and was merely following a continuous pattern of light industrial and commercial development on West

Valley Boulevard and around the I-10 that began in the 1950s and shifted the character of the area from primarily citrus type agriculture to light industrial and commercial. The property is not known to be directly associated with events that have made a significant contribution to the history of Rialto, California, or the United States and, therefore, Property 1 does not appear eligible under NRHP Criterion A or CRHR Criterion 1.

Criterion B/2: That are associated with the lives of persons significant in our past.

To be found eligible under Criterion B/2 the property has to be directly tied to an important person and the place where that individual conducted or produced the work for which he or she is known. Archival research did not identify any such direct association between individuals that are known to be historic figures at the national, state, or local level and Property 1. Property 1 has been used as a warehouse to support various businesses, primarily automotive and trucking-related, that operated from the Project site throughout its history. The earliest ownership information identified that Property 1 was owned by John A. Swanson, who operated his business C&J Compressor Services out of Property 1 from its construction until Swanson's death in 1967. Subsequent owners include Irvine O. Thompson (1981-2000) who also owned Properties 2, 3, 4A, and 4B during this time. During Thompson's ownership of these properties, he operated Ability Truck Parts from the Project site. While automotive and trucking services are important industries, research did not indicate that any of the businesses associated with Property 1 were particularly innovative or notable.

Research did not uncover additional information that these or other listed owners of the property were important to the past. Due to a lack of identified significant associations with important persons in history, Property 1 does not appear eligible under NRHP Criterion B or CRHR Criterion 2.

Criterion C/3: That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.

Property 1 is a nondescript warehouse with no discernable architectural style built circa 1968. Property 1 does not embody distinctive characteristics of a type, period or method of construction. It is a typical example of a late 1960s nondescript commercial warehouse. There is nothing notable or unique about its design; it does not possess the distinctive characteristics of any particular style and is executed with common materials. Property 1 appears to have been constructed through already well-documented and common construction techniques and methods and does not appear to possess high artistic values by articulating a particular concept of design to the extent that it expresses an aesthetic ideal. Property 1 is also not a rare example of its type; there are similar warehouses from this time period throughout Rialto, Southern California, and the United States. Archival research did not identify an architect, designer, or builder of Property 1. As it is a common typology and lacks distinctive characteristics, it is unlikely that it was the work of a master architect or builder.

The last component of Criterion C, representing a significant and distinguishable entity whose components may lack individual distinction, is the most applicable to districts. Property 1 does not appear likely to contribute to a potential historic district. Therefore, Property 1 does not appear eligible under NRHP Criterion C or CRHR Criterion 3.

Criterion D/4: That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D was not considered in the evaluation, because it generally applies to archeological resources. Property 1 is not significant under Criterion D of the NRHP or Criterion 4 of the CRHR as a source, or likely source, of important historical information nor do they appear likely to yield important information about historic construction methods, materials or technologies.

City of Rialto Statement of Significance

Property 1: 253 West Valley Boulevard (APN 0132-171-05) does not meet any of the eligibility criteria for listing as a designated historical resource by the City of Rialto as demonstrated below.

1. ***It has character, interest or value as part of the development, heritage, or cultural characteristics of the city, state of California or the United States.***

   Property 1 is a nondescript utilitarian warehouse and garage constructed circa 1964. As discussed in NRHP/CRHR Criteria A/1, Property 1 does not appear to have character, interest, or value as part of the development, heritage, or cultural characteristics of the City of Rialto, California, or the United States. Therefore, Property 1 appears ineligible under City of Rialto Criteria 1.

2. ***It is the site of a documented historic event.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any documented historic events occurring at Property 1. Therefore, Property 1 appears ineligible under City of Rialto Criteria 2.

3. ***It is strongly identified with a person or persons who significantly contributed to the culture, history or development of the city.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any strong identification between Property 1 and any person or persons who significantly contributed to the culture, history, or development of Rialto. Therefore, Property 1 appears ineligible under City of Rialto Criteria 3.

4. ***It is one of the few remaining examples in the city possessing distinguishing characteristics of an architectural type or specimen.***

   Property 1 does not represent one of the few remaining examples in the city, region, state, or nation possessing distinctive characteristics of an architectural type of specimen. Property 1 is a nondescript warehouse with no discernable architectural style constructed circa 1964. There are many similar buildings in Rialto, San Bernardino County, California, and the nation. Therefore, Property 1 appears ineligible under City of Rialto Criteria 4.

5. It is notable work of an architect or master builder.

As discussed in NRHP/CRHR Criteria C/1, Property 1 is a nondescript warehouse with no discernable architectural style. Archival research did not identify a builder or architect associated with the design of Property 1. As such, Property 1 is not a notable work of an architect or master builder, nor is it a notable architectural type of specimen. There are many similar warehouses in Rialto, California, and the nation. Therefore, Property 1 appears ineligible under City of Rialto Criteria 5.

6. It embodies elements of architectural design, detail, materials or craftsmanship.

As discussed in NRHP/CRHR Criteria C/3, Property 1 does not embody elements of architectural design detail, materials, or craftsmanship, It is a nondescript warehouse with no discernable architectural style and is constructed of common materials using already well-documented common construction techniques. Therefore, Property 1 appears ineligible under City of Rialto Criteria 6.

7. It has a unique location or singular physical characteristics representing an established and familiar visual feature in the city.

Property 1 is not in a unique location nor does it have singular physical characteristics representing an established and familiar visual feature in the City of Rialto. Therefore, Property 1 appears ineligible under City of Rialto Criteria 7.

8. It has unique design or detailing.

As discussed under NRHP/CRHR Criteria C/2, Property 1 is a nondescript warehouse with no discernable style. It does not have a unique design or detailing and there are many similar warehouses throughout Rialto, California, and the United States. Therefore, Property 1 appears ineligible under City of Rialto Criteria 8.

9. It is a particularly good example of a period or style.

As discussed under NRHP/CRHR Criteria C/2, Property 1 is a nondescript warehouse with no discernable style. It is not a particularly good example of a period or style. Therefore, Property 1 appears ineligible under City of Rialto Criteria 9.

10. It is located within a historic district, contributes to the overall feeling of the district, and which individually may lack significance.

Property 1 is not located within an existing historic district, nor is it located in an area with a concentration of historic-age buildings. It does not contribute to the overall feeling of a district. Therefore, Property 1 appears ineligible under City of Rialto Criteria 10.

5.2 Property 2: 285 S. Willow Avenue

Property Description

Property 2 is an office building with no discernable style constructed circa 1968-1977 per aerial photographs (NETR 2022; UCSB 2022). Property 2 is one-story with a rectangular plan and a front gable roof clad in composite shingles with slight overhanging eaves with visible rafter tails. The building is clad in horizontal lapped plyboard. The primary (south) elevation (Exhibit 8) has a replacement six-panel door with a replacement metal staircase of four steps and metal railings on a concrete slab that leads up to the entrance. Next to the door is a wood-framed fixed window underneath a metal awning. Beneath the window and door, cladding changes from horizontal metal panels to plyboard panels. The east (side) elevation has an irregular fenestration of a centrally located wood door under a gabled awing flanked by wood-framed multi-light windows. A matching metal staircase and metal railings lead up to the secondary entry. Next to the awning is a secondary gabled projection. Below the windows and door, the cladding changes from horizontal metal panels to plywood panels (Exhibit 9). The west (side) elevation features wood-framed fixed windows, a metal awing, and a gabled projection in the middle of the elevation's roof. Most of the elevation is obstructed by a covered chain link fence. The rear (north) elevation was hidden from the public right of way.

Exhibit 8. Overview of the primary (south) elevation, view to the north (Dudek IMG_1844)



Exhibit 9. Oblique view of the primary (south) and east (side) elevations, view to the northwest (Dudek IMG_1847)



Identified Alterations

There were no building permits on file with the City of Rialto Building Division for Property 2. The following list of alterations to Property 2 was compiled through observation during the course of the intensive survey. The date of these alterations is unknown:

- Replacement door, east elevation
- Replacement vinyl windows, all elevations
- Replacement door, south elevation
- Metal stairs and handrails, south and east elevations
- Replacement siding
- Replacement roof

NRHP/CRHR Evaluation of Significance

Property 2: 285 S. Willow Avenue (APN 0132-171-03) does not meet any of the criteria for listing in the NRHP or CRHR, either individually or as part of an existing historic district, as demonstrated below.

Criterion A/1: That are associated with events that have made a significant contribution to the broad patterns of our history.

Archival research of Property 2: 285 S. Willow Avenue (APN 0132-171-03) did not find any associations with events that have made a significant contribution to the broad patterns of history. Property 2 is a nondescript office building with no discernable architectural style constructed circa 1968-1977 to serve as an administrative space for Caudill's Auto Service, an automotive services business. The area in which Property 2 sits began to be developed with light industrial and commercial properties beginning in the 1950s and continuing through the 1970s. This trend of development was part of a post-World War II population and development boom that occurred in communities throughout Southern California. From the start of the 1950s to the end of the decade, the population in Rialto grew from 3,156 to 15,359 (City of Rialto 2016). As a result of this population growth and associated development pressure, the formerly agricultural nature of the area surrounding the Project site correspondingly changed in the postwar decades, including the eventual development of Property 2.

At the time of Property 2's construction, the Project site had already been developed with structures that appear to have primarily served automotive and trucking businesses. Property 2 originally served as an office for Caudill's Auto Service. While Property 2 is an example of increased post-World War II development that occurred in Rialto in the postwar decades, there is no indication that the construction of this specific property marked a pivotal point in the history of the neighborhood or city. It was neither the first nor the last of its type and was merely following a continuous pattern of light industrial and commercial development on West Valley Boulevard and around the I-10 that began in the 1950s and shifted the character of the area from primarily citrus type agriculture to light industrial and commercial. The property is not known to be directly associated with events that have made a significant contribution to the history of Rialto, California, or the United States and, therefore, Property 2 does not appear eligible under NRHP Criterion A or CRHR Criterion 1.

Criterion B/2: That are associated with the lives of persons significant in our past.

To be found eligible under Criterion B/2 the property has to be directly tied to an important person and the place where that individual conducted or produced the work for which he or she is known. Archival research did not identify any such direct association between individuals that are known to be historic figures at the national, state, or local level and Property 2. Property 2 was constructed between 1968 and 1977 to serve as an office for Caudill's Auto Service, an automotive repair business that had operated from the Project site beginning in the early 1960s. Subsequent occupants include A-1 Autobody (1978-1981) and Irvine O. Thompson (1981-2000), who also owned Properties 1, 3, 4A, and 4B during this time. During Thompson's ownership of these properties, he operated Ability Truck Parts from the Project site. While automotive and trucking services are important industries, research did not indicate that any of the businesses associated with Property 1 were particularly innovative or notable.

Research did not uncover additional information that these or other listed owners of the property were important to the past. Due to a lack of identified significant associations with important persons in history, Property 2 does not appear eligible under NRHP Criterion B or CRHR Criterion 2.

Criterion C/3: That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or

that represent a significant and distinguishable entity whose components may lack individual distinction.

Property 2 is a nondescript office building with no discernable architectural style built circa 1968. Property 2 does not embody distinctive characteristics of a type, period or method of construction. It is a typical example of a late 1960s nondescript small office building. There is nothing notable or unique about its design; it does not possess the distinctive characteristics of any particular style and is executed with common materials. Property 2 appears to have been constructed through already well-documented and common construction techniques and methods and does not appear to possess high artistic values by articulating a particular concept of design to the extent that it expresses an aesthetic ideal. The property is also not a rare example of its type; there are similar warehouses from this time period throughout Rialto, Southern California, and the United States. Archival research did not identify an architect, designer, or builder of Property 2. As it is a common typology and lacks distinctive characteristics, it is unlikely that it was the work of a master architect or builder.

The last component of Criterion C, representing a significant and distinguishable entity whose components may lack individual distinction, is the most applicable to districts. Property 2 does not appear likely to contribute to a potential historic district. Therefore, Property 2 does not appear eligible under NRHP Criterion C or CRHR Criterion 3.

Criterion D/4: That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D was not considered in the evaluation, because it generally applies to archeological resources. Property 2 is not significant under Criterion D of the NRHP or Criterion 4 of the CRHR as a source, or likely source, of important historical information nor do they appear likely to yield important information about historic construction methods, materials or technologies.

City of Rialto Statement of Significance

Property 2: 286 S. Willow Avenue (APN 0132-171-03) does not meet any of the eligibility criteria for listing as a designated historical resource by the City of Rialto as demonstrated below.

1. ***It has character, interest or value as part of the development, heritage, or cultural characteristics of the city, state of California or the United States.***

   Property 2 is a nondescript office building constructed circa 1968-1977. As discussed in NRHP/CRHR Criteria A/1, Property 1 does not appear to have character, interest, or value as part of the development, heritage, or cultural characteristics of the City of Rialto, California, or the United States. Therefore, Property 2 appears ineligible under City of Rialto Criteria 1.

2. ***It is the site of a documented historic event.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any documented historic events occurring at Property 1. Therefore, Property 2 appears ineligible under City of Rialto Criteria 2.

3. *It is strongly identified with a person or persons who significantly contributed to the culture, history or development of the city.*

As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any strong identification between Property 2 and any person or persons who significantly contributed to the culture, history, or development of Rialto. Therefore, Property 2 appears ineligible under City of Rialto Criteria 3.

4. *It is one of the few remaining examples in the city possessing distinguishing characteristics of an architectural type or specimen.*

Property 2 does not represent one of the few remaining examples in the city, region, state, or nation possessing distinctive characteristics of an architectural type of specimen. Property 2 is a nondescript office with no discernable architectural style constructed circa 1968. There are many similar buildings in Rialto, San Bernardino County, California, and the nation. Therefore, Property 2 appears ineligible under City of Rialto Criteria 4.

5. *It is notable work of an architect or master builder.*

As discussed in NRHP/CRHR Criteria C/1, Property 2 is a nondescript office with no discernable architectural style. Archival research did not identify a builder or architect associated with the design of Property 2. As such, Property 2 is not a notable work of an architect or master builder, nor is it a notable architectural type of specimen. There are many similar buildings in Rialto, California, and the nation. Therefore, Property 2 appears ineligible under City of Rialto Criteria 5.

6. *It embodies elements of architectural design, detail, materials or craftsmanship.*

As discussed in NRHP/CRHR Criteria C/3, Property 2 does not embody elements of architectural design detail, materials, or craftsmanship. It is a nondescript office with no discernable architectural style and is constructed of common materials using already well-documented common construction techniques. Therefore, Property 2 appears ineligible under City of Rialto Criteria 6.

7. *It has a unique location or singular physical characteristics representing an established and familiar visual feature in the city.*

Property 2 is not in a unique location nor does it have singular physical characteristics representing an established and familiar visual feature in the City of Rialto. Therefore, Property 2 appears ineligible under City of Rialto Criteria 7.

8. *It has unique design or detailing.*

As discussed under NRHP/CRHR Criteria C/2, Property 2 is a nondescript office building with no discernable style. It does not have a unique design or detailing and there are many similar buildings throughout Rialto, California, and the United States. Therefore, Property 2 appears ineligible under City of Rialto Criteria 8.

9. It is a particularly good example of a period or style.

As discussed under NRHP/CRHR Criteria C/2, Property 2 is a nondescript office building with no discernable style. It is not a particularly good example of a period or style. Therefore, Property 2 appears ineligible under City of Rialto Criteria 9.

10. It is located within a historic district, contributes to the overall feeling of the district, and which individually may lack significance.

Property 2 is not located within an existing historic district, nor is it located in an area with a concentration of historic-age buildings. It does not contribute to the overall feeling of a district. Therefore, Property 2 appears ineligible under City of Rialto Criteria 10.

5.3 Property 3: No address (APN 0132-171-01)

Property Description

Property 3 is a nondescript, utilitarian warehouse with no discernable architectural style constructed circa 1968 per aerial photographs (NETR 2022; UCSB 2022). The property is simple with no ornamentation. Property 3 is one-story with a rectangular plan and a front gable roof. The building is clad in corrugated metal. The primary (north) elevation (Exhibit 10) features an asymmetrical arrangement of two garage bays with metal sliding doors and a wood-framed multi-light window. The rear (south) elevation has a metal door and a wood-framed multi-light window. Most of the elevation is obscured from view by a truck trailer (Exhibit 11). The west elevation is blank, and the east elevation is hidden from view. A chain-link fence lines the west property line. Property 3 serves as a warehouse for storage on the Project site and is located on an unpaved lot.

Exhibit 10. Overview showing the primary (north) elevation of Property 3. View to the south (Dudek IMG_1588)



Exhibit 11. Oblique view showing the side (west) and rear (south) elevations of Property 3. View to the northeast (Dudek IMG_1868)



Identified Alterations

There were no building permits on file with the City of Rialto Building Division for Property 3. The following list of alterations to Property 3 was compiled through observation during the course of the intensive survey. The date of these alterations is unknown:

- Likely replacement sliding loading door, north elevation
- Small storage addition, east elevation
- Possible demolition at east (rear) elevation, based on aerial photographs showing the property's footprint from 1968 being larger than its present footprint (NETR 2022; UCSB 2022)

NRHP/CRHR Evaluation of Significance

The property at Property 3: No associated address (APN 0132-171-01) does not meet any of the criteria for listing in the NRHP or CRHR, either individually or as part of an existing historic district, as demonstrated below.

Criterion A/1: That are associated with events that have made a significant contribution to the broad patterns of our history.

Archival research of Property 3: No associated address (APN 0132-171-01) did not find any associations with events that have made a significant contribution to the broad patterns of history. Property 3 is a nondescript warehouse with no discernable architectural style constructed circa 1968 to serve as a warehouse for Caudill's Auto Service, an automotive business. The area in which Property 3 sits began to be developed with light industrial

and commercial properties beginning in the 1950s and continuing through the 1970s. This trend of development was part of a post-World War II population and development boom that occurred throughout communities in Southern California. In Rialto, the population grew from 3,156 to 15,359 throughout the 1950s (City of Rialto 2016). As a result of this population growth and associated development pressure, the formerly agricultural nature of the area surrounding the Project site correspondingly changed in the postwar decades, including the eventual development of Property 3.

At the time of Property 3's construction, the Project site had already been developed with structures that appear to have primarily served automotive-related businesses. Property 3, along with Property 2, originally served as an warehouse for Caudill's Auto Service. While Property 3 is an example of increased post-World War II development that occurred in Rialto in the postwar decades, there is no indication that the construction of this specific property marked a pivotal point in the history of the neighborhood or city. It was neither the first nor the last of its type and was merely following a continuous pattern of light industrial and commercial development on West Valley Boulevard and around the I-10 that began in the 1950s and shifted the character of the area from primarily citrus type agriculture to light industrial and commercial. The property is not known to be directly associated with events that have made a significant contribution to the history of Rialto, California, or the United States and, therefore, Property 3 does not appear eligible under NRHP Criterion A or CRHR Criterion 1.

Criterion B/2: That are associated with the lives of persons significant in our past.

To be found eligible under Criterion B/2 the property has to be directly tied to an important person and the place where that individual conducted or produced the work for which he or she is known. Archival research did not identify any such direct association between individuals that are known to be historic figures at the national, state, or local level and Property 3. Property 3 was constructed circa 1968 to serve as a warehouse for Caudill's Auto Service, an automotive repair business that had operated from the Project site beginning in the early 1960s. Subsequent occupants include A-1 Autobody (197801981) and Irvine O. Thompson (1981-2000), who also owned Properties 1, 4A, and 4B during this time. During Thompson's ownership of these properties, he operated Ability Truck Parts from the Project site. While automotive and trucking services are important industries, research did not indicate that any of the businesses associated with Property 1 were particularly innovative or notable.

Research did not uncover additional information that these or other listed owners of the property were important to the past. Due to a lack of identified significant associations with important persons in history, Property 3 does not appear eligible under NRHP Criterion B or CRHR Criterion 2.

Criterion C/3: That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.

Property 3 is a nondescript warehouse with no discernable architectural style built circa 1968. Property 3 does not embody distinctive characteristics of a type, period or method of construction. It is a typical example of a late 1960s nondescript commercial warehouse. There is nothing notable or unique about its design; it does not possess the distinctive characteristics of any particular style and is executed with common materials. Property 3 appears to have been constructed through already well-documented and common construction techniques and methods and does not appear to possess high artistic values by articulating a particular concept of design to the extent that it expresses an aesthetic ideal. Property 3 is also not a rare example of its type; there are similar warehouses from

this time period throughout Rialto, Southern California, and the United States. Archival research did not identify an architect, designer, or builder of Property 3. As it is a common typology and lacks distinctive characteristics, it is unlikely that it was the work of a master architect or builder.

The last component of Criterion C, representing a significant and distinguishable entity whose components may lack individual distinction, is the most applicable to districts. Property 3 does not appear likely to contribute to a potential historic district. Therefore, Property 3 does not appear eligible under NRHP Criterion C or CRHR Criterion 3.

Criterion D/4: That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D was not considered in the evaluation, because it generally applies to archeological resources. Property 3 is not significant under Criterion D of the NRHP or Criterion 4 of the CRHR as a source, or likely source, of important historical information nor do they appear likely to yield important information about historic construction methods, materials or technologies.

City of Rialto Statement of Significance

Property 3: No associated address (APN 0132-171-01) does not meet any of the eligibility criteria for listing as a designated historical resource by the City of Rialto as demonstrated below.

1. ***It has character, interest or value as part of the development, heritage, or cultural characteristics of the city, state of California or the United States.***

   Property 3 is a nondescript utilitarian warehouse and garage constructed circa 1968. As discussed in NRHP/CRHR Criteria A/1, Property 3 does not appear to have character, interest, or value as part of the development, heritage, or cultural characteristics of the City of Rialto, California, or the United States. Therefore, Property 1 appears ineligible under City of Rialto Criteria 3.

2. ***It is the site of a documented historic event.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any documented historic events occurring at Property 3. Therefore, Property 3 appears ineligible under City of Rialto Criteria 2.

3. ***It is strongly identified with a person or persons who significantly contributed to the culture, history or development of the city.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any strong identification between Property 3 and any person or persons who significantly contributed to the culture, history, or development of Rialto. Therefore, Property 3 appears ineligible under City of Rialto Criteria 3.

4. *It is one of the few remaining examples in the city possessing distinguishing characteristics of an architectural type or specimen.*

Property 3 does not represent one of the few remaining examples in the city, region, state, or nation possessing distinctive characteristics of an architectural type of specimen. Property 3 is a nondescript warehouse with no discernable architectural style constructed circa 1960. There are many similar buildings in Rialto, San Bernardino County, California, and the nation. Therefore, Property 3 appears ineligible under City of Rialto Criteria 4.

5. *It is notable work of an architect or master builder.*

As discussed in NRHP/CRHR Criteria C/1, Property 3 is a nondescript warehouse with no discernable architectural style. Archival research did not identify a builder or architect associated with the design of Property 3. As such, Property 3 is not a notable work of an architect or master builder, nor is it a notable architectural type of specimen. There are many similar warehouses in Rialto, California, and the nation. Therefore, Property 1 appears ineligible under City of Rialto Criteria 5.

6. *It embodies elements of architectural design, detail, materials or craftsmanship.*

As discussed in NRHP/CRHR Criteria C/3, Property 3 does not embody elements of architectural design detail, materials, or craftsmanship, It is a nondescript warehouse with no discernable architectural style and is constructed of common materials using already well-documented common construction techniques. Therefore, Property 3 appears ineligible under City of Rialto Criteria 6.

7. *It has a unique location or singular physical characteristics representing an established and familiar visual feature in the city.*

Property 3 is not in a unique location nor does it have singular physical characteristics representing an established and familiar visual feature in the City of Rialto. Therefore, Property 3 appears ineligible under City of Rialto Criteria 7.

8. *It has unique design or detailing.*

As discussed under NRHP/CRHR Criteria C/2, Property 3 is a nondescript warehouse with no discernable style. It does not have a unique design or detailing and there are many similar warehouses throughout Rialto, California, and the United States. Therefore, Property 3 appears ineligible under City of Rialto Criteria 8.

9. *It is a particularly good example of a period or style.*

As discussed under NRHP/CRHR Criteria C/2, Property 3 is a nondescript warehouse with no discernable style. It is not a particularly good example of a period or style. Therefore, Property 3 appears ineligible under City of Rialto Criteria 9.

10. It is located within a historic district, contributes to the overall feeling of the district, and which individually may lack significance.

Property 3 is not located within an existing historic district, nor is it located in an area with a concentration of historic-age buildings. It does not contribute to the overall feeling of a district. Therefore, Property 3 appears ineligible under City of Rialto Criteria 10.

5.4 Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01)

Property Descriptions

Property 4A

Property 4A is a nondescript office building with no discernable style constructed circa 1953 per aerial photographs (NETR 2022; UCSB 2022). The property is simple with no ornamentation. Property 4A is a one-story with a square plan and a gable roof clad in composite shingles with slight overhanging eaves with visible rafter tails. The primary (west) elevation (Exhibit 12) has a six-panel door at the center and is flanked by vinyl frame slider windows with bars on either side. The rear (east) elevation has another door, covered in security bars and a vinyl frame slider window. There is an identical window on the south elevation and a multi-light vinyl frame slider window on north elevation (Exhibit 13). Property 4A serves as an office for the trucking businesses on the Project site and is located on a large, paved lot approximately 45 feet west of Property 4B, a warehouse used for truck storage and repair.

Exhibit 12. Oblique view showing the primary (west) and north elevations of Property 4A. View to the east (Dudek IMG_1800)



Exhibit 13. Oblique view of the rear (east) and south elevations of Property 4A, view to the west (Dudek IMG_1810)



Property 4B

Property 4B is a nondescript, utilitarian warehouse with no discernable architectural style constructed circa 1953 per aerial photographs (NETR 2022; UCSB 2022). It is a one-story building with a front gable roof, clad with metal sheathing, and has a rectangular footprint (Exhibit 14). The property is clad in corrugated metal cladding, much of which appears to be replacement based on the site survey. There is no decoration, and fenestration is limited to a large loading bay on the primary (west) and rear (east) elevations, as well as a corrugated metal door on the south elevation. The north elevation is blank. It appears the whole elevation has been expanded with an enclosed extension that wraps around to the rear and primary elevations. The east (rear) elevation is open with exposed metal trusses (Exhibit 15). Property 4B is located on a large, paved lot directly north of the I-10 and approximately 45 feet east of Property 4A, an office used for the trucking businesses.

Exhibit 14. Oblique view showing the primary (west) and south elevations of Property 4B. View to the northeast (Dudek IMG_1815)



Exhibit 15. Oblique view of the rear (east) and north elevations of Property 4B, view to the southwest (Dudek IMG_1830)



Identified Alterations

Property 4A

While the City of Rialto Building Division did return permits for the address 1743 S. Willow Avenue, these documents included electrical permits and change of occupancy and did not include building permits. The following list of alterations to Property 4A was compiled through observation during the course of the intensive survey. The date of these alterations is unknown:

- Replacement vinyl windows, all elevations
- Replacement door, west (primary) elevation
- Security bars over windows, al elevations
- Replacement roof (likely)

Property 4B

The following list of alterations to Property 4B was compiled through observation during the course of the intensive survey. The date of these alterations is unknown:

- Replacement cladding, all elevations
- Replacement roofing
- Possible expansion on west elevation

NRHP/CRHR Evaluation of Significance

Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01) does not meet any of the criteria for listing in the NRHP or CRHR, either individually or as part of an existing historic district, as demonstrated below.

Criterion A/1: That are associated with events that have made a significant contribution to the broad patterns of our history.

Archival research of Property 4A and 4B: 743 S. Willow Avenue (APN 0254-111-01) did not find any associations with events that have made a significant contribution to the broad patterns of history. Property 4A is a nondescript office building with no discernable architectural style and Property 4B is a nondescript warehouse with no discernable architectural style. Both properties were constructed circa 1953. The area in which the properties sit began to be developed with light industrial and commercial properties beginning in the 1950s and continuing through the 1970s. This trend of development was part of a post-World War II population and development boom that occurred in communities throughout Southern California. From the start of the 1950s to the end of the decade, the population in Rialto grew from 3,156 to 15,359 (City of Rialto 2016). As a result of this population growth and associated development pressure, the formerly agricultural nature of the area surrounding the Project site correspondingly changed in the postwar decades, including the development of Property 4A and 4B.

At the time of Property 4A and 4B's construction, the Project site was in the process of being developed with structures that appear to have primarily served automotive-related businesses. Property 4A and 4B appear to have served the various trucking and automotive-related businesses occupying the Property 4A and 4B, including R. Thompson Trucking (c. 1970-1979). While Property 4A and 4B are examples of increased post-World War II

development that occurred in Rialto in the postwar decades, there is no indication that the construction of these specific buildings marked a pivotal point in the history of the neighborhood or city. They were neither the first nor the last of their type to be constructed in Rialto and were merely following a continuous pattern of light industrial and commercial development on West Valley Boulevard and around the I-10 that began in the 1950s and shifted the character of the area from primarily citrus type agriculture to light industrial and commercial. Property 4A and 4B are not known to be directly associated with events that have made a significant contribution to the history of Rialto, California, or the United States and, therefore, Property 4A and 4B do not appear eligible under NRHP Criterion A or CRHR Criterion 1.

Criterion B/2: That are associated with the lives of persons significant in our past.

To be found eligible under Criterion B/2 properties have to be directly tied to an important person and the place where that individual conducted or produced the work for which he or she is known. Archival research did not identify any such direct association between individuals that are known to be historic figures at the national, state, or local level and Property 4A and 4B. Property 4A and 4B were constructed circa 1953 and appear to have served various automotive and trucking businesses. The earliest identified owner of the properties were Inez and Ronald Gerald Thompson who operated R. Thompson Trucking from the properties from circa 1970 to 1979. Subsequent occupants include Fairburn Transportation (1979), another trucking business, and Irvine O. Thompson (1981-2000), who also owned Properties 1, 2, and 3 the same time. During Thompson's ownership of these properties, he operated Ability Truck Parts from the Project site. While automotive and trucking services are important industries, research did not indicate that any of the businesses associated with Property 4A or 4B were particularly innovative or notable.

Research did not uncover additional information that these or other listed owners of the property were important to the past. Due to a lack of identified significant associations with important persons in history, Property 4A and 4B do not appear eligible under NRHP Criterion B or CRHR Criterion 2.

Criterion C/3: That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.

Property 4A is a nondescript office with no discernable architectural style and Property 4B is a nondescript warehouse with no discernable architectural style. Both properties were built circa 1953. The properties do not embody distinctive characteristics of a type, period or method of construction. They are both typical examples of 1950s nondescript commercial or warehouse buildings. There is nothing notable or unique about their designs; they do not possess the distinctive characteristics of any particular style and they are executed with common materials. Property 4A and Property 4B appear to have been constructed through already well-documented and common construction techniques and methods and do not appear to possess high artistic values by articulating a particular concept of design to the extent that they express an aesthetic ideal. Property 4A and Property 4B are also not a rare example of their type; there are similar warehouses and office buildings from this time period throughout Rialto, Southern California, and the United States. Archival research did not identify an architect, designer, or builder of Property 4A or Property 4B. As these buildings represent common typologies and lack distinctive characteristics, it is unlikely that either property was the work of a master architect or builder.

The last component of Criterion C, representing a significant and distinguishable entity whose components may lack individual distinction, is the most applicable to districts. Property 4A and Property 4B do not appear likely to contribute to a potential historic district. Therefore, Property 4A and 4B do not appear eligible under NRHP Criterion C or CRHR Criterion 3.

Criterion D/4: That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D was not considered in the evaluation, because it generally applies to archeological resources. Property 4A is not significant under Criterion D of the NRHP or Criterion 4 of the CRHR as a source, or likely source, of important historical information nor do they appear likely to yield important information about historic construction methods, materials or technologies.

City of Rialto Statement of Significance

Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01) does not meet any of the eligibility criteria for listing as a designated historical resource by the City of Rialto as demonstrated below.

1. ***It has character, interest or value as part of the development, heritage, or cultural characteristics of the city, state of California or the United States.***

   Property 4A is a nondescript office and Property 4B is a nondescript warehouse constructed circa 1953. As discussed in NRHP/CRHR Criteria A/1, Property 4A does not appear to have character, interest, or value as part of the development, heritage, or cultural characteristics of the City of Rialto, California, or the United States. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 3.

2. ***It is the site of a documented historic event.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any documented historic events occurring at Property 4A or 4B. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 2.

3. ***It is strongly identified with a person or persons who significantly contributed to the culture, history or development of the city.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any strong identification between Property 4A and 4B and any person or persons who significantly contributed to the culture, history, or development of Rialto. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 3.

4. ***It is one of the few remaining examples in the city possessing distinguishing characteristics of an architectural type or specimen.***

   Property 4A and 4B do not represent one of the few remaining examples in the city, region, state, or nation possessing distinctive characteristics of an architectural type of specimen. Both properties are nondescript with no discernable architectural style constructed circa 1953. There are many similar buildings in Rialto,

San Bernardino County, California, and the nation. Therefore, Property 4A and 4B appear appears ineligible under City of Rialto Criteria 4.

5. *It is notable work of an architect or master builder.*

As discussed in NRHP/CRHR Criteria C/1, Property 4A and 4B are nondescript buildings with discernable architectural style. Archival research did not identify a builder or architect associated with the design of Property 4A or 4B. As such, Property 4A and 4B are not a notable work of an architect or master builder, nor are they a notable architectural type of specimen. There are many similar buildings in Rialto, California, and the nation. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 5.

6. *It embodies elements of architectural design, detail, materials or craftsmanship.*

As discussed in NRHP/CRHR Criteria C/3, Property 4A and 4B do not embody elements of architectural design detail, materials, or craftsmanship. Both buildings are nondescript with no particular architectural style and were constructed of common materials using already well-documented common construction techniques. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 6.

7. *It has a unique location or singular physical characteristics representing an established and familiar visual feature in the city.*

Property 4A and 4B are not in a unique location nor does it have singular physical characteristics representing an established and familiar visual feature in the City of Rialto. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 7.

8. *It has unique design or detailing.*

As discussed under NRHP/CRHR Criteria C/2, Property 4A and 4B do not have unique designs or detailing and there are many similar buildings throughout Rialto, California, and the United States. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 8.

9. *It is a particularly good example of a period or style.*

As discussed under NRHP/CRHR Criteria C/2, Property 4A and 4B are nondescript buildings with no discernable style. They are not a particularly good example of a period or style. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 9.

10. *It is located within a historic district, contributes to the overall feeling of the district, and which individually may lack significance.*

Property 4A and 4B are not located within an existing historic district, nor are they located in an area with a concentration of historic-age buildings. They do not contribute to the overall feeling of a district. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 10.

5.5 Property 5: 213 W. Valley Boulevard

Property Description

Property 5 is a nondescript commercial building with no discernable style constructed circa 1978 per aerial photographs (NETR 2022; UCSB 2022). The property is simple with little ornamentation, clad in concrete brick. Property 5 is two-stories with a rectangular plan and a flat roof with a mansard parapet on the primary (north) elevation with red clay tiles. The primary (north) elevation (Exhibit 16) features metal-framed sliding windows on the first and second floors, a pair of fully glazed entrance doors, and four storefront fixed windows at the northwest corner of the elevation; two storefront windows on the first floor and two windows on the second floor to match. The east elevation is blank and obscured from view by a brick wall. The west elevation is obscured from view by trees. The rear (south) elevation has at least three loading bays but is obscured from view by semi-trucks (Exhibit 17). Property 5 serves as a commercial property on the Project site and is located on a large, paved lot east of Property 1.

Exhibit 16. Oblique view showing the primary (north) and east elevations of Property 5. View to the southwest (Dudek IMG_1919)



Exhibit 17. Oblique view of the rear (south) and side (east) elevations view to the northwest (Dudek IMG_1923)



Identified Alterations

While the City of Rialto Building Division did return permits for the address 213 W. Valley Boulevard, these documents included electrical permits and change of occupancy and did not include building permits. Observation of Property 5 during the course of the intensive survey on December 13, 2022 did not identify any apparent alterations to Property 5.

NRHP/CRHR Evaluation of Significance

The building at Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13) does not meet any of the criteria for listing in the NRHP or CRHR, either individually or as part of an existing historic district, as demonstrated below.

Criterion A/1: That are associated with events that have made a significant contribution to the broad patterns of our history.

Archival research of Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13) did not find any associations with events that have made a significant contribution to the broad patterns of history. Property 5 is a nondescript commercial building/truck repair station with no discernable architectural style constructed circa 1977. The area in which Property 5 sits began to be developed with light industrial and commercial properties beginning in the 1950s and continuing through the 1970s. This trend of development was part of a post-World War II population and development boom that occurred in communities throughout Southern California. From the start

of the 1950s to the end of the decade, the population in Rialto grew from 3,156 to 15,359 (City of Rialto 2016). As a result of this population growth and associated development pressure, the formerly agricultural nature of the area surrounding the Project site correspondingly changed in the postwar decades, including the eventual development of Property 5.

At the time of Property 5's construction, the Project site had already been developed with structures that appear to have primarily served automotive and trucking businesses. Property 5 was originally built to serve as a truck service station and was operated by H.L Clemons Trucking for the majority of its history (1978-2013). While Property 5 is an example of increased post-World War II development that occurred in Rialto in the postwar decades, there is no indication that the construction of this specific property marked a pivotal point in the history of the neighborhood or city. It was neither the first nor the last of its type and was merely following a continuous pattern of light industrial and commercial development on West Valley Boulevard and around the I-10 that began in the 1950s and shifted the character of the area from primarily citrus type agriculture to light industrial and commercial. The property is not known to be directly associated with events that have made a significant contribution to the history of Rialto, California, or the United States and, therefore, Property 5 does not appear eligible under NRHP Criterion A or CRHR Criterion 1.

Criterion B/2: That are associated with the lives of persons significant in our past.

To be found eligible under Criterion B/2 the property has to be directly tied to an important person and the place where that individual conducted or produced the work for which he or she is known. Archival research did not identify any such direct association between individuals that are known to be historic figures at the national, state, or local level and Property 5. Property 5 was constructed circa 1977 as a commercial building/truck repair stop. For the majority of its history, Property 5 housed H.L Clemons Trucking (1978-2013), which was operated by Harold and Gloria Clemons. While automotive and trucking services are important industries, research did not indicate that any of the businesses associated with Property 5 were particularly innovative or notable.

Research did not uncover additional information that these or other listed owners of the property were important to the past. Due to a lack of identified significant associations with important persons in history, Property 5 does not appear eligible under NRHP Criterion B or CRHR Criterion 2.

Criterion C/3: That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.

Property 5 is a nondescript commercial building with no discernable architectural style built circa 1977. The property does not embody distinctive characteristics of a type, period or method of construction. It is a typical example of a late 1970s nondescript commercial building. There is nothing notable or unique about its design; it does not possess the distinctive characteristics of any particular style and is executed with common materials. Property 5 appears to have been constructed through already well-documented and common construction techniques and methods and does not appear to possess high artistic values by articulating a particular concept of design to the extent that it expresses an aesthetic ideal. Property 5 is also not a rare example of its type; there are similar commercial buildings from this time period throughout Rialto, Southern California, and the United States. Archival research did not identify an architect, designer, or builder of Property 5. As it is a common typology and lacks distinctive characteristics, it is unlikely that it was the work of a master architect or builder.

The last component of Criterion C, representing a significant and distinguishable entity whose components may lack individual distinction, is the most applicable to districts. Property 5 does not appear likely to contribute to a potential historic district. Therefore, Property 5 does not appear eligible under NRHP Criterion C or CRHR Criterion 3.

Criterion D/4: That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D was not considered in the evaluation, because it generally applies to archeological resources. Property 3 is not significant under Criterion D of the NRHP or Criterion 4 of the CRHR as a source, or likely source, of important historical information nor do they appear likely to yield important information about historic construction methods, materials or technologies.

City of Rialto Statement of Significance

Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13) does not meet any of the eligibility criteria for listing as a designated historical resource by the City of Rialto as demonstrated below.

1. ***It has character, interest or value as part of the development, heritage, or cultural characteristics of the city, state of California or the United States.***

   Property 5 is a nondescript commercial truck service station with no discernable architectural style constructed circa 1978. As discussed in NRHP/CRHR Criteria A/1, Property 1 does not appear to have character, interest, or value as part of the development, heritage, or cultural characteristics of the City of Rialto, California, or the United States. Therefore, Property 5 appears ineligible under City of Rialto Criteria 1.

2. ***It is the site of a documented historic event.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any documented historic events occurring at Property 5. Therefore, Property 5 appears ineligible under City of Rialto Criteria 2.

3. ***It is strongly identified with a person or persons who significantly contributed to the culture, history or development of the city.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any strong identification between Property 5 and any person or persons who significantly contributed to the culture, history, or development of Rialto. Therefore, Property 5 appears ineligible under City of Rialto Criteria 3.

4. ***It is one of the few remaining examples in the city possessing distinguishing characteristics of an architectural type or specimen.***

   Property 5 does not represent one of the few remaining examples in the city, region, state, or nation possessing distinctive characteristics of an architectural type of specimen. Property 5 is a nondescript commercial truck service station with no discernable architectural style constructed circa 1978. There are many similar buildings in Rialto, San Bernardino County, California, and the nation. Therefore, Property 5 appears ineligible under City of Rialto Criteria 4.

5. It is notable work of an architect or master builder.

As discussed in NRHP/CRHR Criteria C/1, Property 5 is a commercial truck service station with no discernable architectural style. Archival research did not identify a builder or architect associated with the design of Property 5. As such, Property 5 is not a notable work of an architect or master builder, nor is it a notable architectural type of specimen. There are many similar warehouses in Rialto, California, and the nation. Therefore, Property 5 appears ineligible under City of Rialto Criteria 5.

6. It embodies elements of architectural design, detail, materials or craftsmanship.

As discussed in NRHP/CRHR Criteria C/3, the Property 5 does not embody elements of architectural design detail, materials, or craftsmanship, It is a nondescript commercial truck service station with no discernable architectural style and is constructed of common materials using already well-documented common construction techniques. Therefore, Property 5 appears ineligible under City of Rialto Criteria 6.

7. It has a unique location or singular physical characteristics representing an established and familiar visual feature in the city.

Property 5 is not in a unique location nor does it have singular physical characteristics representing an established and familiar visual feature in the City of Rialto. Therefore, Property 5 appears ineligible under City of Rialto Criteria 7.

8. It has unique design or detailing.

As discussed under NRHP/CRHR Criteria C/2, Property 5 is a nondescript commercial truck service station with no discernable style. It does not have a unique design or detailing and there are many similar warehouses throughout Rialto, California, and the United States. Therefore, Property 5 appears ineligible under City of Rialto Criteria 8.

9. It is a particularly good example of a period or style.

As discussed under NRHP/CRHR Criteria C/2, Property 5 is a nondescript truck service station with no discernable style. It is not a particularly good example of a period or style. Therefore, Property 5 appears ineligible under City of Rialto Criteria 9.

10. It is located within a historic district, contributes to the overall feeling of the district, and which individually may lack significance.

Property 5 is not located within an existing historic district, nor is it located in an area with a concentration of historic-age buildings. It does not contribute to the overall feeling of a district. Therefore, Property 5 appears ineligible under City of Rialto Criteria 10.

5.6 Integrity Discussion

To be eligible for listing in the NRHP, CRHR, or for local designation, properties must retain their physical integrity from the period in which they gained significance. In the case of architecturally significant properties, the period of significance is normally the date of construction. For historically significant properties, the length of the historic associations usually measures the period of significance. *National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation* states that the integrity of a property is based upon the historical significance and character-defining features of that property, and that "only after significance is fully established can you proceed to the issue of integrity" (U.S. Department of the Interior 1997: 45). Property 1, 2, 3, 4A, 4B, and 5 were not found significant under any NRHP, CRHR, or local criteria, and do not have a period of significance. Therefore, the integrity of these buildings does not require examination.

5.7 Summary of Evaluation Findings

In conclusion, none of the six evaluated buildings appear eligible for listing in the NRHP, CRHR, or as a City of Rialto historical resource due to a lack of important historical associations and lack of architectural merit, nor do they appear eligible as contributors to a historic district. As such, Property 1, Property 2, Property 3, Property 4A, Property 4B, and Property 5 are not considered historical resources for the purposes of CEQA. The recommended California Historical Resource Status Code for these properties is 6Z (found ineligible for the NRHP, CRHR, or local designation through survey evaluation).

Table 10. Historic Built Environment Findings

Address	Date Constructed	NRHP/ CRHR Significance Criteria	Previous CHRS code (if applicable)	Assigned California Historical Resource Status code	CEQA Finding
Property 1: 253 W. Valley Boulevard (APN 0132-171-05)	c. 1964	Not eligible	Not applicable	6Z: Found ineligible for NR or CR through survey evaluation	Not considered a historical resource for the purposes of CEQA
Property 2: 285 S. Willow Street (APN 0132-171-03)	c. 1968-1977	Not eligible	Not applicable	6Z: Found ineligible for NR or CR through survey evaluation	Not considered a historical resource for the purposes of CEQA
Property 3: No associated address (APN 0132-171-01);	c. 1968	Not eligible	Not applicable	6Z: Found ineligible for NR or CR through survey evaluation	Not considered a historical resource for the purposes of CEQA
Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01)	c. 1953	Not eligible	Not applicable	6Z: Found ineligible for NR or CR through survey evaluation	Not considered a historical resource for the purposes of CEQA

Table 10. Historic Built Environment Findings

Address	Date Constructed	NRHP/ CRHR Significance Criteria	Previous CHRS code (if applicable)	Assigned California Historical Resource Status code	CEQA Finding
Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13)	c. 1978	Not eligible	Not applicable	6Z: Found ineligible for NR or CR through survey evaluation	Not considered a historical resource for the purposes of CEQA

6 Findings and Conclusions

No historical resources were identified within or adjacent to the Project site as a result of the BERD records search, extensive archival research, field survey, and property evaluations of significance. Property 1, Property 2, Property 3, Property 4A, Property 4B, and Property 5 in the Project site are not currently designated or listed under any national, state, or local landmark programs. The buildings on these properties have not been identified as eligible for local designation by a recent historic resources survey.

Dudek evaluated all buildings on the Project site in accordance Section 15064.5 (a)(2)-(3) of California Environmental Quality Act (CEQA) Guidelines and using the criteria outline in Section 5024.1 of the California Public Resources Code. Dudek concludes that the buildings do not appear to be eligible for listing in the NRHP, CRHR, or as a City of Rialto historical resource due to a lack of significance and architectural merit. As such, no buildings on the Project site appear to be historical resources under CEQA. The recommended Status Code for Property 1, Property 2, Property 3, Property 4A, Property 4B, and Property 5 is 6Z. Further, no potential indirect impacts to historical resources were identified as the proposed Project has no potential to impact the built environment beyond the Project site.

The finding for built environment cultural resources for the proposed Project under CEQA is No Impact. As the proposed Project would have no impact on historic properties or historical resources, no further study is required.

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Appendix A
Preparer's Qualifications

Allison Lyons, MSHP

SENIOR ARCHITECTURAL HISTORIAN

Education

Columbia University, M.S., Historic Preservation, 2010

Scripps College, B.A., European Studies, 2006

Allison Lyons (*AL-ih-suhn LYE-ons; she/her*) is an architectural historian with 12 years' experience throughout the western United States in all elements of cultural resources management. Her expertise includes the preparation of environmental compliance documents in accordance with the California Environmental Quality Act (CEQA) and Section 106 of the National Historic Preservation Act, focusing on the evaluation of historical resources and analysis of project impacts. As a historic preservation consultant, she has been involved in the preparation of numerous large-scale historic resources surveys, Historic American Buildings Survey/Historic American Engineering Record recordation, Federal Rehabilitation Tax Credit and Mills Act Historic Property Contract applications, local landmark nominations, and evaluations of eligibility for a wide variety of projects and property types throughout California. She is highly experienced in writing National Register of Historic Places (NRHP) nominations and historic context statements for local governments. Ms. Lyons meets the Secretary of the Interior's Professional Qualifications Standards for history and architectural history pursuant to Title 36, Part 61, of the Code of Federal Regulations, Appendix A.

Previous Experience

Los Angeles Department of Water and Power Century Trunk Line, Los Angeles Department of Water and Power, City of Los Angeles, California. Dudek was retained by Los Angeles Department of Water and Power to prepare an Avoidance and Protection Plan for Air Raid Siren No. 150. The resource is eligible for the NRHP and California Register of Historical Resources and as a City of Los Angeles Historic-Cultural Monument under Criteria A/1/1 and C/3/3 for its association with World War II and Cold War military infrastructure, and is a historical resource under CEQA. Ms. Lyons is serving as a senior architectural historian, providing quality assurance/quality control for the Post-Construction Monitoring Report. (2021–Present)

City of Coronado Historic Context Statement and Historic Resources Inventory, City of Coronado, California. Dudek is currently in the process of preparing a historic context statement and historic resources inventory survey for all properties at least 50 years old within City of Coronado limits. Following current professional methodology standards and procedures developed by the California Office of Historic Preservation and the National Park Service, Dudek developed a detailed historic context statement for the City that identifies and discusses the important themes, patterns of development, property types, and architectural styles prevalent throughout the City. Dudek also conducted a reconnaissance-level survey of all properties within City limits that are at least 50 years old to identify individual properties and groupings of properties (i.e., historic districts) with potential for historical significance under City Criterion C (properties that possess distinctive characteristics of an architectural style; are valuable for the study of a type, period, or method of construction; and have not been substantially altered). This document also developed registration requirements for resource evaluation that are specific to Coronado, in consideration of both historical significance and integrity requirements. Acting as senior architectural historian, reviewed and wrote sections of the historic context statement. (2019–Present)

City of West Hollywood Residential Properties in the R2, R3, and R4 Multiple-Family Zoning Districts Historic Context Statement, West Hollywood, California. In 2020, the City of West Hollywood began a phased project to

update the 2008 citywide survey of Residential Properties in the R2, R3, and R4 Multiple-Family Zoning Districts. Ms. Lyons co-authored the historic context statement prepared as the first part of the project. (2020–2021)

Downtown Buena Park Project, Historical Resources Technical Report and Impacts Analysis (for CEQA), Buena Park, Orange County, California. Merlone Geier is proposing to redevelop a vacant Stiles & Robert Clements-designed Sears building at the Buena Park Downtown Mall in the City of Buena Park. The redevelopment plans include residential units, amenity and lobby space, and parking. The Sears building, auto center, and surrounding parking lots that were historically connected to the Downtown Buena Park Mall. Following the initial construction of the Sears building in 1959, the Buena Park Downtown Mall was expanded in multiple stages throughout a 50-year development period. To determine if the project would have a significant impact on historical resources, Dudek evaluated the entire Buena Park Downtown Mall for historical significance and integrity in consideration of National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) designation criteria. Dudek determined that the Buena Park Downtown Mall, including the Sears building, did not appear eligible under any NRHP or CRHR designation criteria due to a lack of significant historical associations, architectural merit, and compromised integrity and the Project would result in a less than significant impact to historical resources under CEQA. Ms. Lyons served as a senior architectural historian, providing quality assurance/quality control for the Historical Resources Technical Report. (2021)

8730 Sunset Boulevard Billboard Project Historical Resource Assessment Report, City of West Hollywood, California. The 8730 Sunset Boulevard Billboard Project consists of installation and operation of a new billboard and associated façade improvements at the existing "Sunset Towers" building. The Sunset Towers building at 8730 Sunset Boulevard was constructed in the 1950s and 1960s over the course of two phases. A smaller building was constructed on the northern portion of the parcel between 1957 and 1959. Dudek was retained by the City of West Hollywood to complete this Historic Resource Assessment, an intensive-level evaluation, as part of the environmental review of the proposed project in compliance with CEQA. This study included an intensive survey of the exterior of the Sunset Towers building by a qualified architectural historian; building development and archival research; development of an appropriate historic context; and evaluation of the Sunset Towers building for historical significance and integrity in consideration of NRHP, CRHR, and City of West Hollywood Cultural Heritage Preservation Ordinance designation criteria. Ms. Lyons served as a senior architectural historian and main author of the Historic Resource Assessment of the Sunset Towers building. (2021)

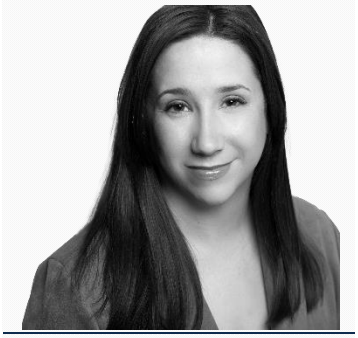
Anne Banning Community House of the Assistance League of Southern California, 1370 St Andrews St. Historic-Cultural Monument Application, Los Angeles, California. Paul R. Williams designed a Community House for the Assistance League of Southern California, a leading Los Angeles philanthropy, in 1961. The two-story, American Colonial Revival-style Anne Banning Community House served the League's need for a business environment combined with gracious, elegant space for entertaining—teas, luncheons, and privately hosted events. Adaptive reuse of the building was proposed in 2017 and Ms. Lyons completed a City of Los Angeles Historic-Cultural Monument application for the building before construction, identifying the property as significant for its association with an important women's club and architecturally significant as a good example of the Late American Colonial Revival style designed by the master architect Paul R. Williams. (2018–2020)

Four Gables Apartment Building Historic Structure Report and Mills Act Contract Application, West Hollywood, California. The Four Gables apartment building was designed by Leland A. Bryant in a French Chateauesque style. The 16-unit apartment building was completed in 1927. Ms. Lyons prepared an Architectural Features and Treatment Recommendations report as part of an application for a Mills Act contract with the City of West Hollywood. (2019)

Claire Cancilla, MSHP

ARCHITECTURAL HISTORIAN

Claire Cancilla (KLAIR *Kan-sil-uh; she/her*) is an Architectural Historian with 5 years' professional and academic experience that encompasses a wide variety of project types in varied geographic locations, including Los Angeles, Laguna Beach, Agoura Hills, Baldwin Park, Glendale, Pasadena, South Pasadena, Poway, Riverside, San Diego, Rialto, Vista, Sequoia National Park, New York City, and Venice, Italy. She has completed historic significance evaluations and impacts analyses in consideration of the National Register of Historic Places (NRHP), California Register of Historic Resources (CRHR), and local designation criteria for single-family residences, commercial properties, educational institutions, warehouse and industrial properties, and municipal facilities. Additional project experience includes writing national register and local register nominations, conducting historic archival research, performing conditions assessments and reconnaissance surveys, conducting CEQA impacts analyses, preparing environmental impact report (EIR) sections, and conducting design reviews under the Secretary of the Interior's Standards. She meets the Secretary of the Interior's Professional Qualification Standards for Architectural History.



Education

Columbia University Graduate School of Architecture, Planning, and Preservation, MSHP, Historic Preservation, 2020

Occidental College BA, History, 2016

Dudek Project Experience

Skylight Replacement Project, Los Angeles Harbor Department (LAHD), San Pedro, California. Dudek is included on the Los Angeles Harbor Department's list of on-call historic consultants and was retained by the LAHD to conduct a Secretary of the Interior Standards conformance review for a skylight replacement project of four buildings located at the Port of Los Angles. This work involves updating previously completed Department of Parks and Recreation 523 forms for three properties and preparing new DPR forms for one property. This work further involves the review of schematics and plans for proposed skylight replacements for conformance with the Secretary of the Interior's Standards for Rehabilitation. Ms. Cancilla is the lead author of this ongoing work. (2023-present).

Berths 58-60 Secretary of the Interior Standards Conformance Review, Los Angeles Harbor Department (LAHD), San Pedro, California. Dudek was retained by the LAHD to conduct a Secretary of the Interior Standards conformance review for proposed alterations in anticipation of an adaptive reuse of Berths 58-60, a historical resource and former transit shed constructed in 1913 located on City Dock No. 1 at the Port of Los Angeles. Ms. Cancilla conducted the site visit with the property tenants, project architect, and LAHD representatives; reviewed plans and schematics; and conducted an analysis of all proposed alterations to ensure Rehabilitation. (2022).

Siemens Industrial Mixed Use Expansion Project, City of Pomona, Pomona, California. Dudek was retained by the City of Pomona to prepare a Built Environment Inventory and Evaluation Report for a proposed industrial expansion of a Siemens electrical manufacturing facility and warehouse. The existing warehouse and manufacturing facility was constructed in 1973. Ms. Cancilla was the lead author of the report and conducted the fieldwork; research; and evaluation of the property for significance at the national, state, and local level. (2022).

Vista Old Taylor Project, TTLC Management Inc., Vista, California. Dudek was retained by TTLC Management Inc. to prepare a Built Environment Inventory and Evaluation Report for a proposed residential development project. This work involved the recordation and evaluation of two single-family residential properties constructed in the 1940s and 1950s. Ms. Cancilla is the lead author of the BEIR, conducted fieldwork, and prepared the property significance evaluations under national, state, and local eligibility criteria (2022 – 2023).

Alice / Willow Avenue Warehouse Project, Patriot Development Partners, Rialto, California. Dudek was retained by Patriot Development Partners to conduct a Built Environment Inventory and Evaluation Report for a 6.19-acre site in the city of Rialto, California. Ms. Cancilla was the lead author of the BEIR, which involved research on and evaluation of six light industrial and commercial buildings over 45 years of age. (2022 – 2023).

Kaiser Baldwin Park Medical Center Project, Top Commercial Realty, Baldwin Park California. Dudek was retained to complete a Built Environment Inventory and Evaluation Report for a proposed project involving the development of the Kaiser Baldwin Park Medical Center. Ms. Cancilla was the lead author of the Built Environment Inventory and Evaluation Report for a 1970s vernacular commercial building. (2022).

Arlington Avenue Historic Resources Technical Report, Foulger Pratt, Riverside, California. Dudek was retained to complete a Historic Resources Technical Report on a Mid-Century Modern former Sears Department Store in the city of Riverside, California for a proposed redevelopment. Ms. Cancilla contributed to the significance evaluation and historic contexts for the technical report. (2022).

Oak Knoll Road, Poway, San Diego County, California. Dudek was retained to complete a historical resources evaluation for a residential development project in the City of Poway. The Project proposes the development of the 10.72-acre property into a residential development within an existing residential neighborhood. As an architectural historian, Ms. Cancilla contributed to the significance evaluation and historic contexts for the technical report. (2022)

2121 Orange Street Built Environment Inventory and Evaluation Report, Alhambra, California. Dudek was retained to complete a Built Environment Inventory and Evaluation Report for a proposed self-storage redevelopment in the City of Alhambra. The Project proposes the demolition of an existing office building and warehouse in 1974. As an architectural historian, Ms. Cancilla conducted the fieldwork, research, and evaluation for the property. (2022).

4235 State Street Historic Resources Technical Report, Santa Barbara County, California. Dudek was retained to prepare a Historic Resources Technical Report evaluating the significance of a prefabricated gas station constructed in 1953 in unincorporated Santa Barbara County for a proposed redevelopment. As an architectural historian, Ms. Cancilla conducted the fieldwork, research, and evaluation for the property. (2022).

Los Angeles County Metro Area Plan Project, Los Angeles County, California. Dudek was retained by the County of Los Angeles Department of Regional Planning to prepare a Historic Context Statement (HCS) in support of the Metro Area Plan (MAP) project. The goal of the HCS component of the project is to inform, enhance, and streamline the larger MAP project as it pertains to historical resources. The communities included within the MAP HCS include East Los Angeles, East Rancho Dominguez, Florence–Firestone, Walnut Park, West Athens–Westmont, West Rancho Dominguez–Victoria, and Willowbrook. The HCS documents the development history of the communities from the rancho period to the present; identifies important themes, events, and patterns of development; and describes the different property types, styles, builders, and architects associated with these important periods and themes. The document will also provide registration requirements and recommendations for future study/action by the County of Los Angeles to facilitate and streamline the historic preservation program. Responsibilities include report section preparation and archival research. (2022)

Caitlin Greeley

ARCHITECTURAL HISTORIAN



Caitlin Greeley (*she/her*) is an architectural historian with 3 years professional experience. As part of her cultural resources management work, Ms. Greeley has conducted archival research, performed fieldwork, and authored multiple historic context statements. She also has experience preparing and contributing to California Department of Parks and Recreation (DPR) 523 forms. She has experience with the Section 106 consultation of the National Historic Preservation Act, Area of Potential Effect maps, Historic Resource Evaluation Reports, Historical Resource Inventories, Historic American Building Survey photography, reconnaissance and intensive-level surveys, and archival research. Ms. Greeley meets the Secretary of the Interior's Professional Qualification Standards for both Architectural History and History. She has experience preparing environmental compliance documentation in support of projects that fall under the California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA) and Sections 106 and 110 of the National Historic Preservation Act.

Prior to joining Dudek, Ms. Greeley gained extensive experience working in multicultural and multilingual environments. She has experience writing conservation management statements for preservation, and proposals for adaptive reuse of historic buildings.

Education

New York University (London)
MA, Historical and Sustainable Architecture, 2017

The College of Saint Scholastica,
BA, Humanities, 2014

Specialized Training

Historic American Building Survey/Historic American Engineering Record/Historic American Landscapes Survey Photography Training

Dudek Project Experience

Historical Resources Technical Report for the Peppertree Park Villages 7 & 8 Project, Justus Enterprise, Fallbrook, San Diego County, California.
Dudek was retained by Justus Enterprise to complete a Built Environment Inventory and Evaluation Report for the Peppertree Park Villages 7 & 8 Project, which proposes to subdivide a 39.83-acre site into 51 lots, which will include 46 single-family residential units, two biological open space lots, and two common lots for biological retention basins. Two previously recorded resources and one new resource were within or adjacent to the project area. Ms. Greeley conducted historic aerial research and wrote building descriptions for each property, and prepared State of California Department of Parks and Recreation Series 523 Forms (DPR Forms) (2022 - ongoing).

Built Environment Inventory and Evaluation Report for World Logistics Center Master Plan Project, Highland Fairview, Moreno Valley, Riverside County, California.
Dudek was retained by Highland Fairview to complete a Built Environment Inventory and Evaluation Report in compliance with United States Army Corps of Engineers (USACE) Section 404 Clean Water Act (CWA) permitting process for the World Logistics Master Plan Project in the City of Moreno Valley. As there was a federal nexus, Ms. Greeley co-authored a NHPA Section 106-compliant built environment inventory and evaluation report to evaluate a historical ditch segment that is part of the 1893 Bear Valley Mutual Water Company system water conveyance system (2022 - ongoing).

Built Environment Inventory and Evaluation Report for the Chandler Grove Master Plan and Annexation Project, Tulare County, California.
Ms. Greeley was the architectural historian, researcher, and co-author of the Built Environment Inventory and Evaluation Report for the Chandler Grove Master Plan and Annexation Project. Toor Capital, LLA retained Dudek to complete the report in support of the proposed demolition of three properties and one irrigation ditch. The report included a California Historic Resources Information Systems (CHRIS) records search covering the Project site and a 0.5-mile buffer; a survey of built environment resources within the Study Area, property research and the development of an appropriate historic context for the evaluation of the buildings and structures over 45 years in age; recordation and evaluation of the three subject properties for the National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), and Tulare County Register designation criteria and integrity requirements in compliance with CEQA (2022).

Kaiser Baldwin Park Medical Center Project, Top Commercial Realty, Baldwin Park California.
Dudek was retained to complete a Built Environment Inventory and Evaluation Report for a proposed project involving the development of the Kaiser Baldwin Park Medical Center. Ms. Greeley Kaiser Baldwin Park Medical Center Project, Top Commercial Realty, Baldwin Park California. Dudek was retained to complete a Built Environment Inventory and Evaluation Report for a proposed project involving the development of the Kaiser Baldwin Park Medical Center. Ms. Greeley contributed to the Built Environment Inventory and Evaluation Report for a 1970s vernacular commercial building by conducting historic aerial research and writing and completed a State of California Department of Parks and Recreation Series 523 Form (DPR Form) for the building (2022).

Vista Foothill Residential Project, TTLC Vista Foothill, LLC, City of Vista, San Diego County, California.
Dudek was retained by TTLC Vista Foothill, LLC to complete a historical resources technical report to identify all historical resources (if any) on the Project site to determine whether the proposed Project would result in a significant impact to historical resources under CEQA. One of the five parcels that comprises the Project site contains buildings that are more than 45 years of age and required evaluation as a potential historical resource. As a result of Dudek's extensive archival research, field survey, record search, and property significance evaluations, no historical resources were identified within the Project site, nor were any adjacent cultural resources identified that could be indirectly impacted by proposed Project activities. Ms. Greeley co-authored the technical report (2022).

Vista Melrose Residential Project, Urban Advisory & Building Group LLC, City of Vista, San Diego County, California.
Dudek was retained by Urban Advisory & Building Group LLC to complete a historical resources technical report to identify all historical resources (if any) on the Project site to determine whether the proposed Project would result in a significant impact to historical resources under CEQA. The report included the results of a California Historical Resources Information System records search; an intensive survey of the Project site by a qualified architectural historian; building development and archival research; development of an appropriate historic context for the evaluation of the Project site; and recordation and evaluation of one church property and one single-family residential property over 45 years old for historical significance and integrity in consideration of National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), and City of Vista designation criteria and integrity requirements. Acting as architectural historian, Ms. Greeley contributed to this report with historic research and writing segments (2022-Present).

Arlington Avenue Historic Resources Technical Report, Foulger Pratt, Riverside, California.
Dudek was retained to complete a Historic Resources Technical Report on a Mid-Century Modern former Sears Department Store in the city of Riverside, California for a proposed redevelopment. Ms. Greeley conducted intensive-level survey, and was the main author for the technical report (2022).

Erin Jones, MA

ARCHITECTURAL HISTORIAN



Erin Jones (*AIR-in JO-nes; she/her*) is a highly committed, well-qualified cultural resource manager with over 2 years of experience specializing in Washington, Oregon, and California history. Ms. Jones is an expert researcher that is adept at context writing and the evaluation of historic properties. She has experience authoring California Environmental Quality Act (CEQA) compliance documents, National Historic Preservation Act (NHPA) Section 106 compliance reports, Historic Resource Evaluation Reports (HRER), Cultural Resources Inventory and Evaluation Report (CRIER), Historical Resource Inventories (HRI), Cultural Resource Technical Reports (CRTR), Historical Resources Inventory and Evaluation Report (HRIER) and, Historic American Building Survey (HABS) level documentation. Ms. Jones meets the Secretary of the Interior's Professional Qualification Standards for architectural history.

Education

California State University, Sacramento
Master of Arts Public History with Distinguished Honors, Spring 2021

University of Oregon
Bachelor of Arts in History and Political Science, Fall 2017

Dudek Project Experience

650 North King Road, Santa Clara County, California.
Served as the architectural historian and author of the Standalone Department of Parks and Recreation (DPR) 523 form for the 650 North King Road Project. Ms. Jones conducted archival, map, aerial, property, and building development research; conducted an evaluation of property for the NRHP, CRHR, CHL, and local eligibility criteria and integrity requirements; an assessment of impacts on historical resources in compliance with CEQA (2021).

Historical Resources Inventory and Evaluation Report for the 1535-1575 Industrial Avenue Warehouse Project, San Jose, California.
Ms. Jones was the architectural historian and author of the HRIER for the 1535-1575 Industrial Avenue Warehouse Project. The project proposed the demolition of four existing buildings on the project site and the construction of a single-story 71,550 square-foot concrete tilt-up building with a loading dock and adjacent parking lot. Ms. Jones conducted the CHRS records search that covered the project area and a 0.50-mile buffer; an intensive pedestrian survey of the project area; building development, archival, and development research; recordation and evaluation of the buildings over 45 years of age for the National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), and local historic resource (local) eligibility criteria and integrity requirements in compliance with the CEQA; and the completion of the preparation of the report and the accompanying DPR 523 forms (2021).

1586 Industrial Avenue Warehouse Project, San Jose, California.
Ms. Jones was the architectural historian and author of the 1586 Industrial Avenue Warehouse Project. The project proposed the demolition of two existing buildings on the project site and the construction of a single-story square-foot concrete tilt-up building with a loading dock and adjacent parking lot. The 2022 Kings Row project is associated with the 2021 1535-1575 Industrial Avenue Warehouse Project, which is adjacent to this area. Ms. Jones conducted the CHRS records search that covered the project area and a 0.50-mile buffer; an intensive

pedestrian survey of the project area; building development, archival, and development research; recordation and evaluation of the buildings over 45 years of age for the NRHP, CRHR, and local historic resource (local) eligibility criteria and integrity requirements in compliance with CEQA; and the completion of the preparation of the report and the accompanying DPR 523 forms (2022).

Built Environment Inventory and Evaluation Report for Golden State Natural Resources Gould Site, Lassen County, California.

Ms. Jones was the architectural historian and co-author of the BEIER for the Golden State Natural Resources Gould Site Project. Dudek was retained by the Golden State Finance Authority (Client) to complete a BEIER for a proposed project that would redevelop a site in Nubieber, Lassen County, to facilitate the transport of forest material (such as trees or underbrush that have no lumber value). The project parcels comprised approximately 65 acres, a light-industrial site associated with regional logging, and an abandoned 1930s Great Northern and Western Pacific Railroad station. Ms. Jones conducted the CHRS records search; the pedestrian surface reconnaissance survey of the built environment Area of Potential Effects (APE); extensive archival and building development research; the development of an appropriate historic context for the Project area; recordation and evaluation of the buildings over 45 years of age for the NRHP, CRHR, and local historic resource eligibility criteria and integrity requirements in compliance with the CEQA; and report and accompanying DPR 523 form set preparation (2022).

1400 Thompson Avenue Project, Santa Cruz County, California.

Ms. Jones was the architectural historian, main researcher, and co-author of the HRER for the 1400 Thompson Avenue Project which proposed to demolish the existing buildings and subdivide the site into four new parcels slated for individual development. Dudek was retained by a private homeowner to produce a report in support of the proposed project by conducting a CHRS records search that covered the project location and a 0.25-mile buffer; archival and building development research; evaluation of property for the NRHP, California Register of Historic Resources (CRHR), CHL, and local eligibility criteria and integrity requirements; and an assessment of impacts to historical resources in compliance with CEQA (2021).

Built Environment Assessment of Buildings to be Demolished – World Logistics Center Project, City of Moreno Valley, Riverside County, California.

Ms. Jones was the architectural historian for the World Logistics Center (WLC) Specific Plan Project that was approved by the City of Moreno Valley in 2020. The overall project site is located on 2,610 acres in the Rancho Belago area at the eastern end of Moreno Valley, south of SR-60 east of Redlands Boulevard, west of Gilman Springs Road and north of the San Jacinto Wildlife Area. As part of the approved project, a number of existing rural residential buildings (i.e., residences barns, and utilitarian or ancillary agricultural structures) are proposed to be demolished prior to mass grading. Two parcels contain buildings that were formally evaluated under National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), and other criteria to determine if the proposed demolition will impact resources considered significant. Ms. Jones evaluated the buildings to determine if they were historical resources and if the demolition of these buildings could result in a significant impact under applicable federal, state, and local regulations and policies. None of the buildings on these properties were found to be significant under any applicable criteria (2022).

Appendix B

DPR forms for:
Property 1: 253 W. Valley Boulevard (APN 0132-171-05)
Property 2: 285 S. Willow Street (APN 0132-171-03)
Property 3: No associated address (APN 0132-171-01)
Property 4A – Office: 1743 S. Willow Avenue (APN 0254-111-01)
Property 4B – Warehouse: 1743 S. Willow Avenue (APN 0254-111-01)
Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13)

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings_____
Review Code Reviewer Date

Page 1 **of** 17 ***Resource Name or #:** (Assigned by recorder) 253 W. Valley Boulevard
P1. Other Identifier: Property 1

*__P2.__ **Location:** ☐ **Not for Publication** ■ **Unrestricted**
- ***a. County** San Bernardino **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)
- **b. USGS 7.5' Quad** San Bernardino **Date** 2013 **T** 1S; **R** 5W; **of Sec** 23; San Bernardino **B.M.**
- c. Address 253 W. Valley Boulevard City Rialto Zip 92376
- d. UTM: (Give more than one for large and/or linear resources) Zone 11N, 465529 mE/ 3770016 mN
- e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, decimal degrees, etc., as appropriate)
  APN 7418-035-902

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

Property 1: 253 W. Valley Boulevard is a nondescript, utilitarian warehouse with no discernable architectural style constructed circa 1964 per aerial photographs (NETR 2022; UCSB 2022). The property is simple with no ornamentation. It is oriented with its primary (north) elevation facing West Valley Road and is situated on a large, paved lot. Property 1 is one-story with a rectangular plan and a front gable roof, clad in corrugated metal. [See Continuation Sheet]

***P3b. Resource Attributes:** (List attributes and codes) HP8 Industrial building
***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Primary (north) and east elevations, view to the southwest (12/13/22)
***P6. Date Constructed/Age and Source:** ■ Historic ☐ Prehistoric ☐ Both ☐
c. 1964 (Building Permit; NETR 2022)
***P7. Owner and Address:**
Patriot Development Partners
12126 West Sunset Boulevard
Los Angeles, California 90094
***P8. Recorded by:** (Name, affiliation, and address)
Claire Cancilla, MSHP
Dudek, 38 N Marengo Avenue,
Pasadena, CA 91101
***P9. Date Recorded:** 12/13/2022
***P10. Survey Type:** (Describe)
Intensive
***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")
Dudek. 2022. Built Environment Inventory and Evaluation Report: Alice/Willow Avenue Warehouse Project, Rialto, California. Prepared January 2023.

***Attachments:** ☐NONE ■Location Map ■Continuation Sheet ■Building, Structure, and Object Record
☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record

State of California - The Resources Agency Primary # _____
DEPARTMENT OF PARKS AND RECREATION HRI# _____

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) 253 W. Valley Boulevard ***NRHP Status Code** 6Z

B1. Historic Name: 253 W. Valley Boulevard
B2. Common Name: _____
B3. Original Use: Warehouse B4. Present Use: Warehouse
***B5. Architectural Style:** Nondescript with no discernable architectural style
***B6. Construction History:** (Construction date, alterations, and date of alterations)

See **Continuation Sheet** for an alterations list based on archival research and on-site observation.

***B7. Moved?** ☒**No** ☐**Yes** ☐**Unknown** **Date:** _____ **Original Location:** _____
***B8. Related Features:**
N/A

B9a. Architect: None b. Builder: Unknown
***B10. Significance: Theme** Historic Development of the City of Rialto (1881-present) **Area** N/A
Period of Significance N/A **Property Type** Warehouse **Applicable Criteria** N/A (Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Significance summary

As a result of Dudek's extensive archival research, field survey, record search, and property significance evaluations, Property 1: 253 W. Valley Boulevard appears ineligible as a historical resource at the local, state, or federal level. Therefore, the subject property is not considered a historical resource for the purposes of CEQA. The recommended status code for all evaluated properties is 6Z: Found ineligible for NR, CR, or Local designation through survey evaluation. [**See Continuation Sheet**]

B11. Additional Resource Attributes: (List attributes and codes) N/A

***B12. References:**

See **Continuation Sheet** for full list of references.

B13. Remarks:

***B14. Evaluator**: Claire Cancilla, MSHP
***Date of Evaluation:** 1/20/2022

(This space reserved for official comments.)

(Sketch Map with north arrow required.)

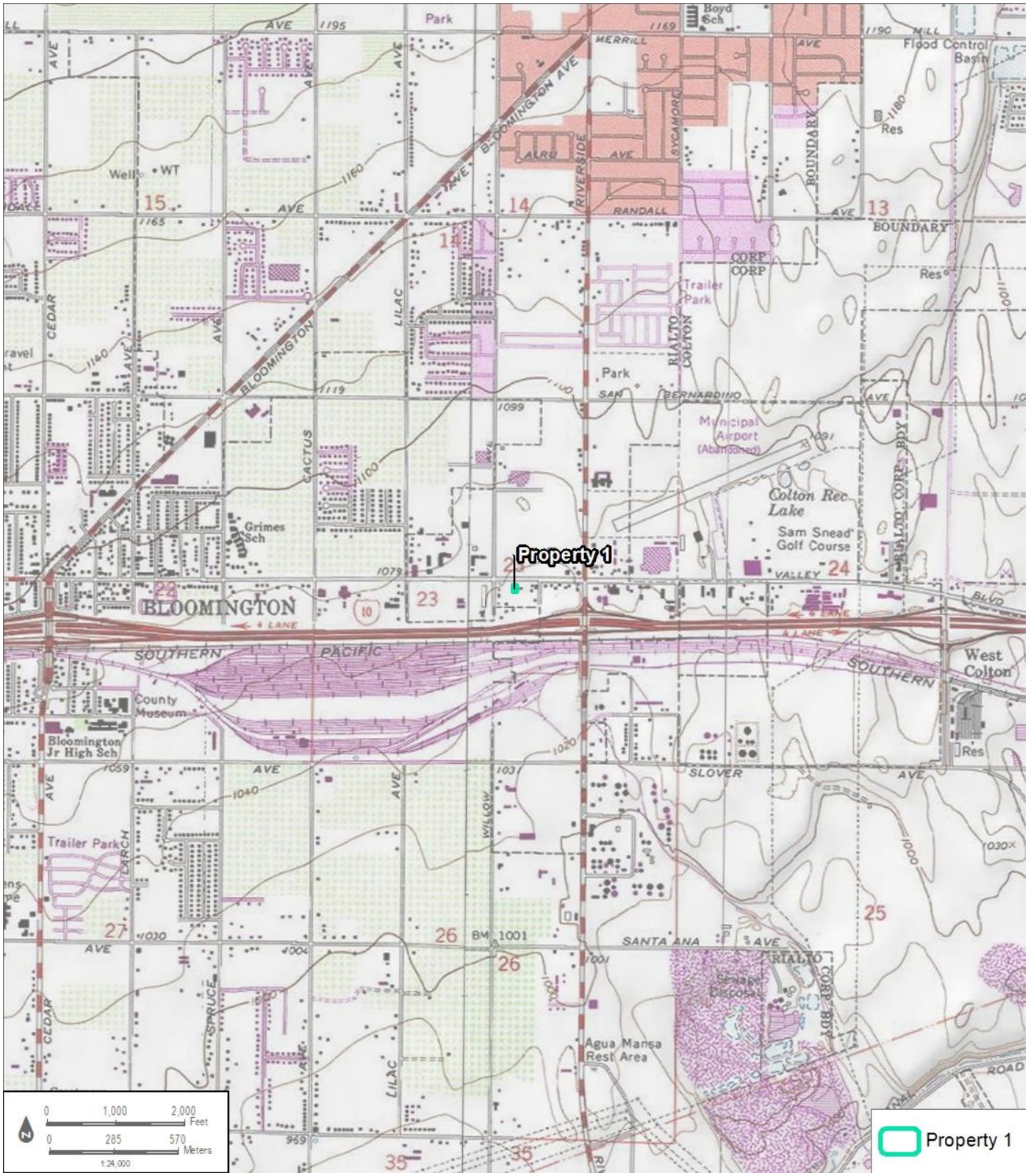


State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #
HRI#
Trinomial

Page 3 **of** 17 ***Resource Name or #** (Assigned by recorder) 253 W. Valley Boulevard / Property 1
***Map Name:** Rialto, CA ***Scale:** 1:24,000 ***Date of map:** 2013



***P3a. Description:**

Property 1 is a nondescript, utilitarian warehouse with no discernable architectural style constructed circa 1964 per aerial photographs (NETR 2022; UCSB 2022). The property is simple with no ornamentation. It is oriented with its primary (north) elevation facing West Valley Road and is situated on a large, paved lot. Property 2 is located approximately 230 feet west and Property 3 is located approximately 100 feet east.

Property 1 is one-story with a rectangular plan and a front gable roof, clad in corrugated metal. The primary (north) elevation (Exhibit 1) features an asymmetrical arrangement of a garage bay with metal fold-down door, and a metal framed window with metal security bars added. Next to the window is a door that appears to be made of wood, obscured by a chain-link fence that runs on either side of the elevation. The rear (south) elevation has a loading dock with two loading bays with metal fold down doors, and a wood door. The side (east) elevation has two types of cladding: concrete brick and vertical concrete panels. The elevation is blank except for a wood-framed window cut out that has been boarded up. The side (west) elevation features an asymmetrical arrangement of six window openings; two metal framed multi-light windows with metal security bars, two double-hung metal framed windows with security bars, and two window openings covered with corrugated metal. A metal fence protrudes south along the west elevation (Exhibit 2).

Exhibit 1. Oblique view of the primary (north) and east elevations of Property 1, view to the southwest (Dudek IMG_1912)



Exhibit 2. Oblique view showing the west and rear (south) elevations of Property 1, view of the northeast (Dudek IMG_1885)



*B6. Construction History *(continued from page 2):*

Building permits were on file at the City of Rialto Building Division for Property 1. Table 8 includes all known alterations to Property 1. This table was compiled through archival research of City of Rialto building permits provided to Dudek by the City's Building & Safety Division. Electrical, plumbing, mechanical permit as well as occupancy and inspection documents were also provided by the City, but are not included in the below table. Property 2 is located approximately 230 feet west and Property 3 is located approximately 100 feet east.

Table 1. Building Permits for Property 1: 253 West Valley Boulevard (APN 0132-171-05)

Date	Address	Permit Number	Description of Work	Owner	Architect (A)/ Contractor (C)	Valuation
10/20/1964	253 West Valley Boulevard	21095	Excavation, bond, and beam work	C.E. Swanson	Bruce Philips (A)	$4,914
10/6/1966	253 West Valley Boulevard	23589	Remodel office	C.E. Swanson	Roy Cutter (C)	$1,000
1/4/1984	253 West Valley Boulevard	51920	Interior alterations	Irvin O. Thompson	Carolyn Cellen (C)	$1,000

*B10. Significance *(continued from page 2):*

Historical Overview of the City of Rialto (1881-present)

In the 1880s, the expansion of the nation's railroad network facilitated travel westward. The small settlement of Hinkley (originally spelled Hinckley for an early setter's son), was founded in 1881 upon the arrival of the Southern Pacific Railroad (along the present-day path of CA SR 58). By 1883, the land that now makes up the City of Rialto was originally part of Rancho San Bernardino, which was established by the San Gabriel Mission in the early nineteenth century. The rancho encompassed much of present-day San Bernardino, Fontana, Rialto, Redlands, and Colton. After Mexico gained control of California, the missions were secularized, and what once was mission land was granted to private individuals. Jose del Carmen Lugo, a member of a wealthy family, petitioned Governor Alvarado for a grant of the San Bernardino Rancho, where his family had been farming and grazing (Beattie 1933). The land was granted to the Lugo family on June 21, 1842, who continued grazing livestock in the area and built several adobes.

By 1851, the Lugo family sold eight leagues of their rancho for $75,000 to Mormon settlers who were attempting to create a new colony of the Latter-Day Saints. The colonists gave rise to the City of San Bernardino, though the area encompassed parts of present-day Rialto as well. Although the colony boasted a high population and even created its own political institution separate from the City of Los Angeles, it was plagued by large debt, discontent among the settlers with the church, and a growing disdain by the public for Mormons, particularly after the Mormon Rebellion of the late 1850s (Lyman 1989; Masters 2015). Church leaders struggled to maintain religious fervor among many of the San Bernardino residents, and many settlers appeared to make the move to San Bernardino to facilitate their own separation from the church's strict policies (Lyman 1989). After the Mountain Meadows Massacre of 1857, during which Mormons settlers in Utah ambushed and murdered non-Mormon settlers, the Mormon colony of San Bernardino was completely alienated from non-Mormon communities of Southern California, and anti-Mormon hostility reached its peak. It was at this time that Brigham Young summoned the devout to return to Utah. In 1856, before the exodus of many Mormons, the area had 3,000 inhabitants, of which 84% were Mormon. However, 1,400 returned to Utah, while the remaining 1,600 decided to abandon the church and make a life for themselves in California. This return rate for the Mormon colony of San Bernardino was much lower than many other Mormon settlements outside of Utah, indicating the growing disillusionment and discontent that the San Bernardino residents felt with the church or their attachment to their settlement in San Bernardino (Adams 2004; Lyman 1989).

After the decline of the Mormon colony, the area developed slowly until 1887 when a new section of the Santa Fe Railroad was established through San Bernardino County. Like other parts of San Bernardino County, the construction of the railroad created a land speculation boom and a series of towns were established along the railroad's route. One such was Rialto, which was laid out by the Semi-Tropic Land and Water Development Company in 1887 at a cost of $670,000. While much of the early development efforts included brush clearing and town planning, a reliable water source was also a necessary component of the successful development of Rialto. To provide a reliable water source, the Semi-Tropic Land and Water Company built a concrete-lined canal that provided water from Lytle Creek Canyon to Riverside Avenue in Rialto. The Semi-Tropic Land and Water Company was formed by a group of associates, including Sam Merrill, a successful businessperson and banker from Iowa who came to the area and settled in Rialto once it was developed. Merrill's residence was one of the numerous grand homes in the area and was constructed at a cost of $15,000. Merrill continued to live in Rialto and eventually there was a street named in his honor (Adams 2004).

In the early years, Rialto was a small town that was largely rooted in an agricultural economic system based largely on citrus orchards that were located on the outskirts of the downtown core of the City. The earliest Sanborn map of Rialto dates to 1892 and shows a small town laid out in a grid pattern with a small collection of houses spaced throughout town. The town also included the following: blacksmith shop, school, cement pipe yard, lumberyard, drug store, merchandise store, railroad depot, and offices for the Semi-Tropic Land and Water Company. The largest building in town was identified on the Sanborn

Map as the Semi-Tropic Hotel located on Riverside Avenue (Sanborn 1892a, 1892b).

Growth and development of Rialto continued throughout the nineteenth century and into the twentieth century. By 1907, Rialto established a Chamber of Commerce to support the growing town and its businesses. The 1907 Sanborn map shows an increase in residential buildings throughout the town to support the growing population. In addition to residential development, more defined commercial development is indicated with new business types emerging along Riverside Avenue since 1892. New businesses included a bakery, livery, wagon shop, and barbershop. Other changes to the town seen on the 1907 Sanborn Map include the emergence of fruit packing houses that served to support the citrus industry that was prospering on the outskirts of the town (Sanborn 1907a, 1907b, 1907c). The growth and development continued over the next few years, and by the City's incorporation in 1911, there were 1,500 residents, 40 businesses, and a local newspaper (Adams 2004; City of Rialto 2016; Sanborn 1892a, 1892b, 1907a, 1907b, 1907c, 1911a, 1911b, 1911c, 1911d).

Rialto continued to grow throughout the 1910s with significant advances in transportation, including the transition of Foothill Boulevard to become part of the United States highway system as a section of Route 66 in 1913. Another advancement in transportation came the following year in 1914 when the San Bernardino Line of the Los Angeles Pacific Electric Railway was completed. However, disaster struck in the 1920s when a fire destroyed much of the downtown area (Adams 2004; City of Rialto 2016).

Like many other cities in California, World War II influenced Rialto's growth and development. During the war, a large ammunition dumpsite was put into operation in the City. Following the war, the ammunition dumpsite was taken over by a rocket-building subsidiary of B.F. Goodrich. Wartime and postwar industrial growth sparked the need for additional residential buildings to support workers and the general postwar population growth seen throughout Southern California. From the beginning of the 1950s to the end of the decade, the population of the City skyrocketed from 3,156 to 15,359. To manage this growth and development, residential subdivisions began to replace large agricultural parcels and citrus groves outside the downtown city core, and increased industrial and commercial development followed. The City continued to grow throughout the late twentieth century and continues to grow today with the most current population being reported at over 100,000 (City of Rialto 2016).

Property History

Property 1 is a nondescript warehouse with no discernable architectural style located at the northern boundary of the Project site. Property 1 was constructed circa 1964 and has served as a warehouse for a variety of businesses, primarily related to automotive and trucking repair and storage. An aerial photograph from 1966 shows Property 1 extant is its current configuration (Exhibit 2); however, a building permit was issued for the property's parcel in 1964, indicating that Property 1 may have been extant by that time (City of Rialto 1964: Building Permit 21095).

At the time of its construction, Property 1 was one of approximately three structures on its parcel (visible in previously referenced Exhibit 2). Building permits and newspaper articles indicate that these structures likely served as offices for the various businesses that occupied the site. In 1968, for example, the address at which Property 1 is located was advertised in the *San Bernardino County Sun* as a rental and described as "office and fenced yard space" (San Bernardino County Sun 1968: 27) and the following year it was advertised as "private office for rent with private bathroom. Ideal for construction company or building trade. Fenced storage lot available" (San Bernardino County Sun 1969: 30). Per aerial photographs, these other structures were no longer extant by 1980 (NETR 2022).

Exhibit 3. 1966 aerial photograph showing Property 1 extant (UCSB 2022) with additional structures (no longer extant) to its west.



Occupancy History

Table 2 below includes known owners and occupants of Property 1 since its construction circa 1964. Research did not reveal that these owners or occupants are persons important to our past.

John A. Swanson originally owned the property. Although Swanson died in 1967, ownership of the property remained under his name until 1981 according to the San Bernardino County PIMS. Research did not identify biographical or professional information on John A. Swanson or the company he operated out of Property 1, C. & J. Compressor Service. (County of San Bernardino PIMS; City of Rialto 1964: Building Permit 21095; San Bernardino County Sun 1967: 23; San Bernardino County Sun 1962: 9).

Irvin O. Thompson owned Property 1 from 1981 until 2000. From 1981 to circa 1992, Property 1 was occupied by Ability Truck Parts, Thompson's company. Thompson established his primary commercial enterprise, Ability Heavy (formerly House) Movers at 285 West Valley Boulevard (located approximately 2.5 miles east of Parcel 2) in the early 1960s. Ability Truck Parts appears to be an extension of the heavy-duty moving operation and Property 1 housed the company's automotive components. Although Thompson owned Property 1 until 2000, historic permits indicate that Ability Truck Parts ceased operating from the property circa 1992 (San Bernardino County PIMS; San Bernardino County Sun 1992: 24; San Bernardino County Sun 1969: 46).

Table 2. Ownership / Occupancy for Property 1: 253 W. Valley Boulevard (APN 0132-171-05)

Years	Owner/ Occupant	Name	Notes	Source
c. 1964 - 1978	Owner	John A. Swanson	Property 1 original owner and owner of C&J Compressor Service. Swanson died in 1967, but the property remained under his name until 1978 per PIMS.	UCSB 2022 City of Rialto 1964: Building Permit 21095 PIMS San Bernardino County Sun 1967: 23
c. 1964-1967	Owner and occupant	C&J Compressor Service	Automotive air compressor service	San Bernardino County Sun 1968: p. 27
1968 - 1978	N/A	Vacant / unknown	Property listed as being "For rent" in newspaper articles from 1968 and 1969. Unclear use of property post-1969.	San Bernardino County Sun 1968: p. 27
1978 - 1981	Owner	Roy Cutter	Research did not identify additional biographical or professional information.	PIMS
1981 - 2000	Owner	Irvin O. Thompson	Thompson owned the property until 2000. Thompson also owned Property 2, 3, 4A, and 4B at this time. Research did not identify additional biographical or professional information.	PIMS San Bernardino County Sun 1992: 24
1981-1992	Owner and occupant	Ability Truck Parts	Ability Truck Parts was owned by Thompson and was part of his moving business, Ability Moving, located approximately 2.5-miles east of Property 1.	San Bernardino County Sun 1992: 24
1993 – c. 1999	Occupant	John R. Holb /Concrete Tie MFG Company	Holb rented the property from Thompson	PIMS
1999	Owner and occupant	Israel Michael Shapi / $10 Shoes	Research did not identify biographical information or information on this business.	City of Rialto 1999: Change of Occupancy 99001108
2022	Unclear	Pacific Store Fixtures	Research did not identify information on this business.	Google

Architect

There is no original building permit on file for Property 1 and additional research did not identify the name of the property's original architect or builder. A building permit from 1964 for interior renovations listed Bruce Philips as the architect. Research, including through Newspapers.com, Ancestry.com, and through the historical directory of the American Institute of Architects (AIA), did not identify biographical or professional information on the architectural career of Bruce Philips.

NRHP/CRHR Statement of Significance

Property 1: 253 West Valley Boulevard (APN: 0132-171-05) does not meet any of the criteria for listing in the NRHP or CRHR, either individually or as part of an existing historic district, as demonstrated below.

Criterion A/1: That are associated with events that have made a significant contribution to the broad patterns of our history.

Archival research of Property 1: 253 West Valley Boulevard (APN: 0132-171-05) did not find any associations with events that have made a significant contribution to the broad patterns of history. Property 1 is a nondescript warehouse with no discernable architectural style constructed circa 1964. The area in which Property 1 sits began to be developed with light industrial and commercial properties beginning in the 1950s and continuing through the 1970s. This trend of development was part of a post-World War II population and development boom that occurred in communities throughout Southern California. From the start of the 1950s to the end of the decade, the population in Rialto grew from 3,156 to 15,359 (City of Rialto 2016). As a result of this population growth and associated development pressure, the formerly agricultural nature of the area surrounding the Project site correspondingly changed in the postwar decades, including the development of Property 1.

At the time of Property 1's construction, the Project site had already been developed with structures that appear to have primarily served automotive and trucking businesses. Property 1 originally served as a warehouse for C&J Compressor Services, an auto repair business. While Property 1 is an example of increased post-World War II development that occurred in Rialto in the postwar decades, there is no indication that the construction of this specific property marked a pivotal point in the history of the neighborhood or city. It was neither the first nor the last of its type and was merely following a continuous pattern of light industrial and commercial development on West Valley Boulevard and around the I-10 that began in the 1950s and shifted the character of the area from primarily citrus type agriculture to light industrial and commercial. The property is not known to be directly associated with events that have made a significant contribution to the history of Rialto, California, or the United States and, therefore, Property 1 does not appear eligible under NRHP Criterion A or CRHR Criterion 1.

Criterion B/2: That are associated with the lives of persons significant in our past.

To be found eligible under Criterion B/2 the property has to be directly tied to an important person and the place where that individual conducted or produced the work for which he or she is known. Archival research did not identify any such direct association between individuals that are known to be historic figures at the national, state, or local level and Property 1. Property 1 has been used as a warehouse to support various businesses, primarily automotive and trucking-related, that operated from the Project site throughout its history. The earliest ownership information identified that Property 1 was owned by John A. Swanson, who operated his business C&J Compressor Services out of Property 1 from its construction until Swanson's death in 1967. Subsequent owners include Irvine O. Thompson (1981-2000) who also owned Properties 2, 3, 4A, and 4B during this time. During Thompson's ownership of these properties, he operated Ability Truck Parts from the Project site. While automotive and trucking services are important industries, research did not indicate that any of the businesses associated with Property 1 were particularly innovative or notable.

Research did not uncover additional information that these or other listed owners of the property were important to the past. Due to a lack of identified significant associations with important persons in history, Property 1 does not appear eligible under NRHP Criterion B or CRHR Criterion 2.

Criterion C/3: That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.

Property 1 is a nondescript warehouse with no discernable architectural style built circa 1968. Property 1 does not embody distinctive characteristics of a type, period or method of construction. It is a typical example of a late 1960s nondescript commercial warehouse. There is nothing notable or unique about its design; it does not possess the distinctive characteristics of any particular style and is executed with common materials. Property 1 appears to have been constructed through already well-documented and common construction techniques and methods and does not appear to possess high artistic values by articulating a particular concept of design to the extent that it expresses an aesthetic ideal. Property 1 is also not a rare example of its type; there are similar warehouses from this time period throughout Rialto, Southern California, and the United States. Archival research did not identify an architect, designer, or builder of Property 1. As it is a common typology and lacks distinctive characteristics, it is unlikely that it was the work of a master architect or builder.

The last component of Criterion C, representing a significant and distinguishable entity whose components may lack individual distinction, is the most applicable to districts. Property 1 does not appear likely to contribute to a potential historic district. Therefore, Property 1 does not appear eligible under NRHP Criterion C or CRHR Criterion 3.

Criterion D/4: That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D was not considered in the evaluation, because it generally applies to archeological resources. Property 1 is not significant under Criterion D of the NRHP or Criterion 4 of the CRHR as a source, or likely source, of important historical information nor do they appear likely to yield important information about historic construction methods, materials or technologies.

City of Rialto Statement of Significance

Property 1: 253 West Valley Boulevard (APN 0132-171-05) does not meet any of the eligibility criteria for listing as a designated historical resource by the City of Rialto as demonstrated below.

1. ***It has character, interest or value as part of the development, heritage, or cultural characteristics of the city, state of California or the United States.***

   Property 1 is a nondescript utilitarian warehouse and garage constructed circa 1964. As discussed in NRHP/CRHR Criteria A/1, Property 1 does not appear to have character, interest, or value as part of the development, heritage, or cultural characteristics of the City of Rialto, California, or the United States. Therefore, Property 1 appears ineligible under City of Rialto Criteria 1.

2. ***It is the site of a documented historic event.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any documented historic events occurring at Property 1. Therefore, Property 1 appears ineligible under City of Rialto Criteria 2.

3. It is strongly identified with a person or persons who significantly contributed to the culture, history or development of the city.

As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any strong identification between Property 1 and any person or persons who significantly contributed to the culture, history, or development of Rialto. Therefore, Property 1 appears ineligible under City of Rialto Criteria 3.

4. It is one of the few remaining examples in the city possessing distinguishing characteristics of an architectural type or specimen.

Property 1 does not represent one of the few remaining examples in the city, region, state, or nation possessing distinctive characteristics of an architectural type of specimen. Property 1 is a nondescript warehouse with no discernable architectural style constructed circa 1964. There are many similar buildings in Rialto, San Bernardino County, California, and the nation. Therefore, Property 1 appears ineligible under City of Rialto Criteria 4.

5. It is notable work of an architect or master builder.

As discussed in NRHP/CRHR Criteria C/1, Property 1 is a nondescript warehouse with no discernable architectural style. Archival research did not identify a builder or architect associated with the design of Property 1. As such, Property 1 is not a notable work of an architect or master builder, nor is it a notable architectural type of specimen. There are many similar warehouses in Rialto, California, and the nation. Therefore, Property 1 appears ineligible under City of Rialto Criteria 5.

6. It embodies elements of architectural design, detail, materials or craftsmanship.

As discussed in NRHP/CRHR Criteria C/3, Property 1 does not embody elements of architectural design detail, materials, or craftsmanship, It is a nondescript warehouse with no discernable architectural style and is constructed of common materials using already well-documented common construction techniques. Therefore, Property 1 appears ineligible under City of Rialto Criteria 6.

7. It has a unique location or singular physical characteristics representing an established and familiar visual feature in the city.

Property 1 is not in a unique location nor does it have singular physical characteristics representing an established and familiar visual feature in the City of Rialto. Therefore, Property 1 appears ineligible under City of Rialto Criteria 7.

8. It has unique design or detailing.

As discussed under NRHP/CRHR Criteria C/2, Property 1 is a nondescript warehouse with no discernable style. It does not have a unique design or detailing and there are many similar warehouses throughout Rialto, California, and the United States. Therefore, Property 1 appears ineligible under City of Rialto Criteria 8.

9. It is a particularly good example of a period or style.

As discussed under NRHP/CRHR Criteria C/2, Property 1 is a nondescript warehouse with no discernable style. It is not a particularly good example of a period or style. Therefore, Property 1 appears ineligible under City of Rialto Criteria 9.

10. It is located within a historic district, contributes to the overall feeling of the district, and which individually may lack significance.

Property 1 is not located within an existing historic district, nor is it located in an area with a concentration of historic-age buildings. It does not contribute to the overall feeling of a district. Therefore, Property 1 appears ineligible under City of Rialto Criteria 10.

Integrity Discussion

To be eligible for listing in the NRHP, CRHR, or for local designation, properties must retain their physical integrity from the period in which they gained significance. In the case of architecturally significant properties, the period of significance is normally the date of construction. For historically significant properties, the length of the historic associations usually measures the period of significance. *National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation* states that the integrity of a property is based upon the historical significance and character-defining features of that property, and that "only after significance is fully established can you proceed to the issue of integrity" (U.S. Department of the Interior 1997: 45). Property 1 was not found significant under any NRHP, CRHR, or local criteria, and do not have a period of significance. Therefore, its integrity does not require examination.

Summary of Findings

As a result of Dudek's archival research, field survey, record search, and property significance evaluations, Property 1 is recommended ineligible for the NRHP, CRHR, or as a designated City of Rialto historical resource due to a lack of significant historical associations and architectural merit. Therefore, Property 1 is not considered a historical resource for the purposes of CEQA. The recommended status code is 6Z: Found ineligible for NR, CR or Local designation through survey evaluation.

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State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings_____
Review Code Reviewer Date

Page 1 **of** 15 ***Resource Name or #:** (Assigned by recorder) 285 S. Willow Avenue
P1. Other Identifier: Property 2

*__P2.__ **Location:** ☐ **Not for Publication** ■ **Unrestricted**
- ***a. County** San Bernardino **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)
- **b. USGS 7.5' Quad** San Bernardino **Date** 2013 **T** 1S; **R** 5W; **of Sec** 23; San Bernardino **B.M.**
- c. Address 285 S. Willow Avenue City Rialto Zip 92376
- d. UTM: (Give more than one for large and/or linear resources) Zone 11N, 465454 mE/ 3769970 mN
- e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, decimal degrees, etc., as appropriate)
  APN 0132-171-03

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

Property 2: 285 S. Willow Avenue is an office building with no discernable style constructed circa 1968-1977 per aerial photographs (NETR 2022; UCSB 2022). Property 2 is one-story with a rectangular plan and a front gable roof clad in composite shingles with slight overhanging eaves with visible rafter tails. The building is clad in horizontal lapped plyboard. The primary (south) elevation has a replacement six-panel door with a replacement metal staircase of four steps and metal railings on a concrete slab that leads up to the entrance. [See Continuation Sheet]

***P3b. Resource Attributes:** (List attributes and codes) HP6 1-6 story commercial building
***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Primary (north) and east elevations, view to the southwest (12/13/22)

***P6. Date Constructed/Age and Source:** ■ Historic ☐ Prehistoric ☐ Both ☐
c. 1968-1977 (NETR 2022)

***P7. Owner and Address:**
Patriot Development Partners
12126 West Sunset Boulevard
Los Angeles, California 90094

***P8. Recorded by:** (Name, affiliation, and address)
Claire Cancilla, MSHP
Dudek, 38 N Marengo Avenue,
Pasadena, CA 91101

***P9. Date Recorded:** 12/13/2022

***P10. Survey Type:** (Describe)
Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")
Dudek. 2022. Built Environment Inventory and Evaluation Report: Alice/Willow Avenue Warehouse Project, Rialto, California. Prepared January 2023.

***Attachments:** ☐NONE ■Location Map ■Continuation Sheet ■Building, Structure, and Object Record
☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record

State of California - The Resources Agency Primary # _____
DEPARTMENT OF PARKS AND RECREATION HRI# _____

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) 285 S. Willow Avenue ***NRHP Status Code** 6Z

B1. Historic Name: 285 S. Willow Avenue. Valley Boulevard
B2. Common Name: _____
B3. Original Use: Office B4. Present Use: Office
***B5. Architectural Style:** Nondescript with no discernable architectural style
***B6. Construction History:** (Construction date, alterations, and date of alterations)

See **Continuation Sheet** for an alterations list based on archival research and on-site observation.

***B7. Moved?** ☒No ☐Yes ☐Unknown **Date:** _____ **Original Location:** _____
***B8. Related Features:**
N/A

B9a. Architect: None b. Builder: Unknown
***B10. Significance: Theme** Historic Development of the City of Rialto (1881-present) **Area** N/A
Period of Significance N/A **Property Type** Office **Applicable Criteria** N/A (Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Significance summary

As a result of Dudek's extensive archival research, field survey, record search, and property significance evaluations, Property 2: 285 S. Willow Avenue appears ineligible as a historical resource at the local, state, or federal level. Therefore, the subject property is not considered a historical resource for the purposes of CEQA. The recommended status code for all evaluated properties is 6Z: Found ineligible for NR, CR, or Local designation through survey evaluation. [**See Continuation Sheet**]

B11. Additional Resource Attributes: (List attributes and codes) N/A

***B12. References:**

See **Continuation Sheet** for full list of references.

B13. Remarks:

***B14. Evaluator**: Claire Cancilla, MSHP
***Date of Evaluation:** 1/20/2022

(This space reserved for official comments.)

(Sketch Map with north arrow required.)

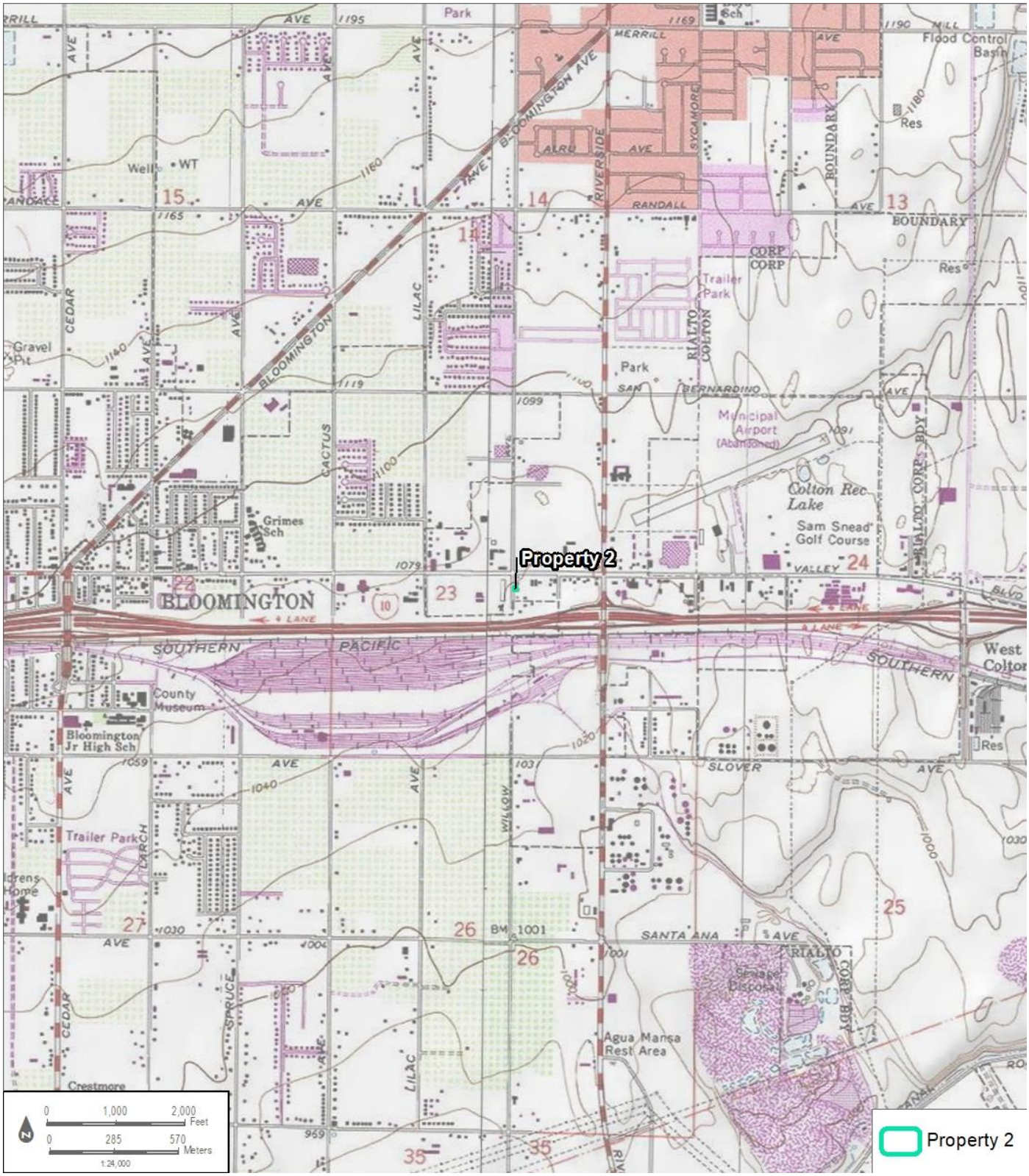


State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #
HRI#
Trinomial

Page 3 **of** 15 ***Resource Name or #** (Assigned by recorder) 285 S. Willow Avenue / Property 2
***Map Name:** Rialto, CA ***Scale:** 1:24,000 ***Date of map:** 2013



***P3a. Description:**

Next to the door is a wood-framed fixed window underneath a metal awning. Beneath the window and door, cladding changes from horizontal metal panels to plyboard panels (Exhibit 1). The east (side) elevation has an irregular fenestration of a centrally located wood door under a gabled awing flanked by wood-framed multi-light windows. A matching metal staircase and metal railings lead up to the secondary entry. Next to the awning is a secondary gabled projection. Below the windows and door, the cladding changes from horizontal metal panels to plywood panels (Exhibit 2). The west (side) elevation features wood-framed fixed windows, a metal awning and a gabled projection in the middle of the elevation's roof. Most of the elevation is obstructed by a covered chain link fence. The rear (north) elevation was hidden from the public right of way.

Exhibit 1. Overview of the primary (south) elevation, view to the north (Dudek IMG_1844)



Exhibit 2. Oblique view of the primary (south) and east (side) elevations, view to the northwest (Dudek IMG_1847)



***B6. Construction History** *(continued from page 2):*

There were no building permits on file with the City of Rialto Building Division for Property 2. The following list of alterations to Property 2 was compiled through observation during the course of the intensive survey. The date of these alterations is unknown:

- Replacement door, east elevation
- Replacement vinyl windows, all elevations
- Replacement door, south elevation
- Metal stairs and handrails, south and east elevations
- Replacement siding
- Replacement roof

***B10. Significance** *(continued from page 2):*

Historical Overview of the City of Rialto (1881-present)

In the 1880s, the expansion of the nation's railroad network facilitated travel westward. The small settlement of Hinkley (originally spelled Hinckley for an early setter's son), was founded in 1881 upon the arrival of the Southern Pacific Railroad (along the present-day path of CA SR 58). By 1883, the land that now makes up the City of Rialto was originally part of Rancho San Bernardino, which was established by the San Gabriel Mission in the early nineteenth century. The rancho encompassed much of present-day San Bernardino, Fontana, Rialto, Redlands, and Colton. After Mexico gained control of California, the missions were secularized, and what once was mission land was granted to private individuals. Jose del Carmen Lugo, a member of a wealthy family, petitioned Governor Alvarado for a grant of the San Bernardino Rancho, where his family had been farming and grazing (Beattie 1933). The land was granted to the Lugo family on June 21, 1842, who continued grazing livestock in the area and built several adobes.

By 1851, the Lugo family sold eight leagues of their rancho for $75,000 to Mormon settlers who were attempting to create a new colony of the Latter-Day Saints. The colonists gave rise to the City of San Bernardino, though the area encompassed parts of present-day Rialto as well. Although the colony boasted a high population and even created its own political institution separate from the City of Los Angeles, it was plagued by large debt, discontent among the settlers with the church, and a growing disdain by the public for Mormons, particularly after the Mormon Rebellion of the late 1850s (Lyman 1989; Masters 2015). Church leaders struggled to maintain religious fervor among many of the San Bernardino residents, and many settlers appeared to make the move to San Bernardino to facilitate their own separation from the church's strict policies (Lyman 1989). After the Mountain Meadows Massacre of 1857, during which Mormons settlers in Utah ambushed and murdered non-Mormon settlers, the Mormon colony of San Bernardino was completely alienated from non-Mormon communities of Southern California, and anti-Mormon hostility reached its peak. It was at this time that Brigham Young summoned the devout to return to Utah. In 1856, before the exodus of many Mormons, the area had 3,000 inhabitants, of which 84% were Mormon. However, 1,400 returned to Utah, while the remaining 1,600 decided to abandon the church and make a life for themselves in California. This return rate for the Mormon colony of San Bernardino was much lower than many other Mormon settlements outside of Utah, indicating the growing disillusionment and discontent that the San Bernardino residents felt with the church or their attachment to their settlement in San Bernardino (Adams 2004; Lyman 1989).

After the decline of the Mormon colony, the area developed slowly until 1887 when a new section of the Santa Fe Railroad was established through San Bernardino County. Like other parts of San Bernardino County, the construction of the railroad created a land speculation boom and a series of towns were established along the railroad's route. One such was Rialto, which was laid out by the Semi-Tropic Land and Water Development Company in 1887 at a cost of $670,000. While much of the early development efforts included brush clearing and town planning, a reliable water source was also a necessary component of the successful development of Rialto. To provide a reliable water source, the Semi-Tropic Land and Water Company built a concrete-lined canal that provided water from Lytle Creek Canyon to Riverside Avenue in Rialto. The Semi-Tropic Land and Water Company was formed by a group of associates, including Sam Merrill, a successful businessperson and banker from Iowa who came to the area and settled in Rialto once it was developed. Merrill's residence was one of the numerous grand homes in the area and was constructed at a cost of $15,000. Merrill continued to live in Rialto and eventually there was a street named in his honor (Adams 2004).

In the early years, Rialto was a small town that was largely rooted in an agricultural economic system based largely on citrus orchards that were located on the outskirts of the downtown core of the City. The earliest Sanborn map of Rialto dates to 1892 and shows a small town laid out in a grid pattern with a small collection of houses spaced throughout town. The town also included the following: blacksmith shop, school, cement pipe yard, lumberyard, drug store, merchandise store, railroad depot, and offices for the Semi-Tropic Land and Water Company. The largest building in town was identified on the Sanborn Map as the Semi-Tropic Hotel located on Riverside Avenue (Sanborn 1892a, 1892b).

Growth and development of Rialto continued throughout the nineteenth century and into the twentieth century. By 1907, Rialto established a Chamber of Commerce to support the growing town and its businesses. The 1907 Sanborn map shows an increase in residential buildings throughout the town to support the growing population. In addition to residential development, more defined commercial development is indicated with new business types emerging along Riverside Avenue since 1892. New businesses included a bakery, livery, wagon shop, and barbershop. Other changes to the town seen on the 1907 Sanborn Map include the emergence of fruit packing houses that served to support the citrus industry that was prospering on the outskirts of the town (Sanborn 1907a, 1907b, 1907c). The growth and development continued over the next few years, and by the City's incorporation in 1911, there were 1,500 residents, 40 businesses, and a local newspaper (Adams 2004; City of Rialto 2016; Sanborn 1892a, 1892b, 1907a, 1907b, 1907c, 1911a, 1911b, 1911c, 1911d).

Rialto continued to grow throughout the 1910s with significant advances in transportation, including the transition of Foothill Boulevard to become part of the United States highway system as a section of Route 66 in 1913. Another advancement in transportation came the following year in 1914 when the San Bernardino Line of the Los Angeles Pacific Electric Railway was completed. However, disaster struck in the 1920s when a fire destroyed much of the downtown area (Adams 2004; City of Rialto 2016).

Like many other cities in California, World War II influenced Rialto's growth and development. During the war, a large ammunition dumpsite was put into operation in the City. Following the war, the ammunition dumpsite was taken over by a rocket-building subsidiary of B.F. Goodrich. Wartime and postwar industrial growth sparked the need for additional residential buildings to support workers and the general postwar population growth seen throughout Southern California. From the beginning of the 1950s to the end of the decade, the population of the City skyrocketed from 3,156 to 15,359. To manage this growth and development, residential subdivisions began to replace large agricultural parcels and citrus groves outside the downtown city core, and increased industrial and commercial development followed. The City continued to grow

throughout the late twentieth century and continues to grow today with the most current population being reported at over 100,000 (City of Rialto 2016).

Property History

Property 2 is a nondescript office building with no discernable architectural style originally constructed between 1968-1977 per aerial photographs (Exhibit 3; UCSB 2022). The property appears to have originally been constructed as an office for Caudill's Auto Service, which opened in the 1960s and was originally comprised of approximately ten buildings (Exhibit 3; San Bernardino County Sun 1966: 26). Only one other building from the ten buildings associated with Caudill's is still extant (located on Property 3 discussed in Section 3.3.3 below). Per aerial photographs, the majority of these structures were demolished by 1980 (NETR 2022; UCSB 2022).

Property 2 appears to have continued to serve automotive and trucking businesses, such as A-1 Auto Body (1979-1981) in subsequent years. From 1981 to 2021, Property 2 was owned by the same series of owners as Property 1, 3, 4A and 4B. While there appears to have been some overlap in businesses during this time period (Ability Truck Parts appears to have operated out of all of these buildings from 1981 until 1992), they also had different occupants over the years. Today, Property 2 serves as an office for the trucking service, repair, and driving school located on the Project site. (NETR 2022a; UCSB 2022; Google 2022).

Exhibit 3. 1966 aerial photograph (L) showing the buildings comprising Caudill's Auto Service; Property 2 (outlined in red) was not yet extant. 1977 aerial photograph (R) showing that Property 2 (outlined in red) was extant (NETR 2022; UCSB 2022)



Occupancy History

Table 1, below, lists the ownership history information available identified through research efforts from Property 2's circa 1968-1977 construction to the present day. There is no original building permit on file and research did not indicate an original owner of Property 2. Property 2 appears to have served as an office space for an automotive repair business and has continued to serve as an office space for the existing trucking business on the parcel today. Additional information on the

property's history and its various owners is provided in the "Notes" column of the below table. Research did not reveal that these owners or occupants are persons important to our past.

Table 1. Ownership / Occupancy for Property 2: 285 S. Willow Avenue (APN 0132-171-03)

Years	Owner/ Occupant	Name	Notes	Source
c. 1968 - 1979	Owner	Caudill's Auto Service	Auto repair business	San Bernardino County Sun 1966: 26 San Bernardino County Sun 1979b: 24
1979-1981	Owner	A-1 Auto Body	Auto repair business	San Bernardino County Sun 1979b: 24
1981 - 2000	Owner	Irvine O. Thompson / Ability Truck Parts	Thompson also owned Property 1 at this time and operated his business, Ability Truck Parts, out of the property. He likely operated Ability Truck Parts out of Property 2 as well. Thompson also owned Properties 3, 4A and 4B at this time.	PIMS San Bernardino County Sun 1992: 24 San Bernardino County Sun 1969: 46
2000-2003	Owners	James and Marcy O'Neil Shirley M. Tolleson Rodney and Caroline Collin	According to PIMS, several people owned Property 2 in this period. Research did not identify additional biographical or professional information on these individuals.	PIMS
2003-2018	Owner	Irvine O. Thompson Trust	Research did not identify information on this Trust. Owners also owned Property 4A and 4B at this time.	PIMS
2019	Owner	Long Family Trust	Research did not identify information on this Trust. Owners also owned Property 4A and 4B at this time.	PIMS
2019-2021	Owner	Newell Family Trust	Research did not identify information on this Trust. Owners also owned Property 4A and 4B at this time.	PIMS
2021-present	Owner	Stallion Realty LLC	Research did not identify information on this LLC. Owners also owned Property 4A and 4B at this time.	PIMS

Architect

There is no original building permit on file for Property 2 and additional research did not identify the name of the property's original architect or builder.

NRHP/CRHR Statement of Significance

Property 2: 285 S. Willow Avenue (APN: 0132-171-03) does not meet any of the criteria for listing in the NRHP or CRHR, either individually or as part of an existing historic district, as demonstrated below.

Criterion A/1: That are associated with events that have made a significant contribution to the broad patterns of our history.

Archival research of Property 2: 285 S. Willow Avenue (APN 0132-171-03) did not find any associations with events that have made a significant contribution to the broad patterns of history. Property 2 is a nondescript office building with no discernable architectural style constructed circa 1968-1977 to serve as an administrative space for Caudill's Auto Service, an automotive services business. The area in which Property 2 sits began to be developed with light industrial and commercial properties beginning in the 1950s and continuing through the 1970s. This trend of development was part of a post-World War II population and development boom that occurred in communities throughout Southern California. From the start of the 1950s to the end of the decade, the population in Rialto grew from 3,156 to 15,359 (City of Rialto 2016). As a result of this population growth and associated development pressure, the formerly agricultural nature of the area surrounding the Project site correspondingly changed in the postwar decades, including the eventual development of Property 2.

At the time of Property 2's construction, the Project site had already been developed with structures that appear to have primarily served automotive and trucking businesses. Property 2 originally served as an office for Caudill's Auto Service. While Property 2 is an example of increased post-World War II development that occurred in Rialto in the postwar decades, there is no indication that the construction of this specific property marked a pivotal point in the history of the neighborhood or city. It was neither the first nor the last of its type and was merely following a continuous pattern of light industrial and commercial development on West Valley Boulevard and around the I-10 that began in the 1950s and shifted the character of the area from primarily citrus type agriculture to light industrial and commercial. The property is not known to be directly associated with events that have made a significant contribution to the history of Rialto, California, or the United States and, therefore, Property 2 does not appear eligible under NRHP Criterion A or CRHR Criterion 1.

Criterion B/2: That are associated with the lives of persons significant in our past.

To be found eligible under Criterion B/2 the property has to be directly tied to an important person and the place where that individual conducted or produced the work for which he or she is known. Archival research did not identify any such direct association between individuals that are known to be historic figures at the national, state, or local level and Property 2. Property 2 was constructed between 1968 and 1977 to serve as an office for Caudill's Auto Service, an automotive repair business that had operated from the Project site beginning in the early 1960s. Subsequent occupants include A-1 Autobody (1978-1981) and Irvine O. Thompson (1981-2000), who also owned Properties 1, 3, 4A, and 4B during this time. During Thompson's ownership of these properties, he operated Ability Truck Parts from the Project site. While automotive and trucking services are important industries, research did not indicate that any of the businesses associated with Property 1 were particularly innovative or notable.

Research did not uncover additional information that these or other listed owners of the property were important to the past. Due to a lack of identified significant associations with important persons in history, Property 2 does not appear eligible under NRHP Criterion B or CRHR Criterion 2.

Criterion C/3: That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.

Property 2 is a nondescript office building with no discernable architectural style built circa 1968. Property 2 does not embody distinctive characteristics of a type, period or method of construction. It is a typical example of a late 1960s nondescript small office building. There is nothing notable or unique about its design; it does not possess the distinctive characteristics of any particular style and is executed with common materials. Property 2 appears to have been constructed through already well-documented and common construction techniques and methods and does not appear to possess high artistic values by articulating a particular concept of design to the extent that it expresses an aesthetic ideal. The property is also not a rare example of its type; there are similar warehouses from this time period throughout Rialto, Southern California, and the United States. Archival research did not identify an architect, designer, or builder of Property 2. As it is a common typology and lacks distinctive characteristics, it is unlikely that it was the work of a master architect or builder.

The last component of Criterion C, representing a significant and distinguishable entity whose components may lack individual distinction, is the most applicable to districts. Property 2 does not appear likely to contribute to a potential historic district. Therefore, Property 2 does not appear eligible under NRHP Criterion C or CRHR Criterion 3.

Criterion D/4: That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D was not considered in the evaluation, because it generally applies to archeological resources. Property 2 is not significant under Criterion D of the NRHP or Criterion 4 of the CRHR as a source, or likely source, of important historical information nor do they appear likely to yield important information about historic construction methods, materials or technologies.

City of Rialto Statement of Significance

Property 2: 285 S. Willow Avenue (APN 0132-171-03) does not meet any of the eligibility criteria for listing as a designated historical resource by the City of Rialto as demonstrated below.

1. It has character, interest or value as part of the development, heritage, or cultural characteristics of the city, state of California or the United States.

Property 2 is a nondescript office building constructed circa 1968-1977. As discussed in NRHP/CRHR Criteria A/1, Property 1 does not appear to have character, interest, or value as part of the development, heritage, or cultural characteristics of the City of Rialto, California, or the United States. Therefore, Property 2 appears ineligible under City of Rialto Criteria 1.

2. It is the site of a documented historic event.

As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any documented historic events occurring at Property 1. Therefore, Property 2 appears ineligible under City of Rialto Criteria 2.

3. It is strongly identified with a person or persons who significantly contributed to the culture, history or development of the city.

As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any strong identification between Property 2 and any person or persons who significantly contributed to the culture, history, or development of Rialto. Therefore, Property 2 appears ineligible under City of Rialto Criteria 3.

4. It is one of the few remaining examples in the city possessing distinguishing characteristics of an architectural type or specimen.

Property 2 does not represent one of the few remaining examples in the city, region, state, or nation possessing distinctive characteristics of an architectural type of specimen. Property 2 is a nondescript office with no discernable architectural style constructed circa 1968. There are many similar buildings in Rialto, San Bernardino County, California, and the nation. Therefore, Property 2 appears ineligible under City of Rialto Criteria 4.

5. It is notable work of an architect or master builder.

As discussed in NRHP/CRHR Criteria C/1, Property 2 is a nondescript office with no discernable architectural style. Archival research did not identify a builder or architect associated with the design of Property 2. As such, Property 2 is not a notable work of an architect or master builder, nor is it a notable architectural type of specimen. There are many similar buildings in Rialto, California, and the nation. Therefore, Property 2 appears ineligible under City of Rialto Criteria 5.

6. It embodies elements of architectural design, detail, materials or craftsmanship.

As discussed in NRHP/CRHR Criteria C/3, Property 2 does not embody elements of architectural design detail, materials, or craftsmanship. It is a nondescript office with no discernable architectural style and is constructed of common materials using already well-documented common construction techniques. Therefore, Property 2 appears ineligible under City of Rialto Criteria 6.

7. It has a unique location or singular physical characteristics representing an established and familiar visual feature in the city.

Property 2 is not in a unique location nor does it have singular physical characteristics representing an established and familiar visual feature in the City of Rialto. Therefore, Property 2 appears ineligible under City of Rialto Criteria 7.

As discussed under NRHP/CRHR Criteria C/2, Property 2 is a nondescript office building with no discernable style. It does not have a unique design or detailing and there are many similar buildings throughout Rialto, California, and the United States. Therefore, Property 2 appears ineligible under City of Rialto Criteria 8.

9. It is a particularly good example of a period or style.

As discussed under NRHP/CRHR Criteria C/2, Property 2 is a nondescript office building with no discernable style. It is not a particularly good example of a period or style. Therefore, Property 2 appears ineligible under City of Rialto Criteria 9.

10. It is located within a historic district, contributes to the overall feeling of the district, and which individually may lack significance.

Property 2 is not located within an existing historic district, nor is it located in an area with a concentration of historic-age buildings. It does not contribute to the overall feeling of a district. Therefore, Property 2 appears ineligible under City of Rialto Criteria 10.

Integrity Discussion

To be eligible for listing in the NRHP, CRHR, or for local designation, properties must retain their physical integrity from the period in which they gained significance. In the case of architecturally significant properties, the period of significance is normally the date of construction. For historically significant properties, the length of the historic associations usually measures the period of significance. *National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation* states that the integrity of a property is based upon the historical significance and character-defining features of that property, and that "only after significance is fully established can you proceed to the issue of integrity" (U.S. Department of the Interior 1997: 45). Property 2 was not found significant under any NRHP, CRHR, or local criteria, and do not have a period of significance. Therefore, its integrity does not require examination.

Summary of Findings

As a result of Dudek's archival research, field survey, record search, and property significance evaluations, Property 2 is recommended ineligible for the NRHP, CRHR, or as a designated City of Rialto historical resource due to a lack of significant historical associations and architectural merit. Therefore, Property 2 is not considered a historical resource for the purposes of CEQA. The recommended status code is 6Z: Found ineligible for NR, CR or Local designation through survey evaluation.

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State of California - The Resources Agency Primary #_____
DEPARTMENT OF PARKS AND RECREATION HRI #
PRIMARY RECORD Trinomial
NRHP Status Code 6Z
Other Listings_____
Review Code Reviewer Date

Page 1 **of** 14 ***Resource Name or #:** (Assigned by recorder) Property 3 (no associated address)
P1. Other Identifier: APN 0132-171-01

*__P2.__ **Location:** □ **Not for Publication** ■ **Unrestricted**
***a. County** San Bernardino **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)
b. USGS 7.5' Quad San Bernardino **Date** 2013 **T** 1S; **R** 5W; **of Sec** 23; San Bernardino **B.M.**
c. Address No associated address City Rialto Zip 92376
d. UTM: (Give more than one for large and/or linear resources) Zone 11N, 465449 mE/ 3769924 mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, decimal degrees, etc., as appropriate)
APN 0132-171-01
***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

Property 3 is a nondescript, utilitarian warehouse with no discernable architectural style constructed circa 1968 per aerial photographs (NETR 2022; UCSB 2022). The property is simple with no ornamentation. Property 3 is one-story with a rectangular plan and a front gable roof. The building is clad in corrugated metal. The primary (north) elevation (Exhibit 1 on the continuation sheet) features an asymmetrical arrangement of two garage bays with metal sliding doors and a wood-framed multi-light window. [See Continuation Sheet]

***P3b. Resource Attributes:** (List attributes and codes) HP8 Industrial building
***P4.Resources Present:** ■ Building □ Structure □ Object □ Site □ District □ Element of District □ Other (Isolates, etc.)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Primary (north) and east elevations, view to the southwest (12/13/22)
***P6. Date Constructed/Age and Source:** ■ Historic □ Prehistoric □ Both □
c. 1968 (NETR 2022)
***P7. Owner and Address:**
Patriot Development Partners
12126 West Sunset Boulevard
Los Angeles, California 90094
***P8. Recorded by:** (Name, affiliation, and address)
Claire Cancilla, MSHP
Dudek, 38 N Marengo Avenue,
Pasadena, CA 91101
***P9. Date Recorded:** 12/13/2022
***P10. Survey Type:** (Describe)
Intensive
***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")
Dudek. 2022. Built Environment Inventory and Evaluation Report: Alice/Willow Avenue Warehouse Project, Rialto, California. Prepared January 2023.

***Attachments:** □NONE ■Location Map ■Continuation Sheet ■Building, Structure, and Object Record
□Archaeological Record □District Record □Linear Feature Record □Milling Station Record □Rock Art Record

State of California - The Resources Agency Primary # _____
DEPARTMENT OF PARKS AND RECREATION HRI# _____

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) Property 3 ***NRHP Status Code** 6Z
Page 2 **of** 14
B1. Historic Name: N/A (no associated address)
B2. Common Name: _____
B3. Original Use: Warehouse B4. Present Use: Warehouse
***B5. Architectural Style:** Nondescript with no discernable architectural style
***B6. Construction History:** (Construction date, alterations, and date of alterations)

See **Continuation Sheet** for an alterations list based on archival research and on-site observation.

***B7. Moved?** ☒**No** ☐**Yes** ☐**Unknown** **Date:** _____ **Original Location:** _____
***B8. Related Features:**
N/A

B9a. Architect: None b. Builder: Unknown
***B10. Significance: Theme** Historic Development of the City of Rialto (1881-present) **Area** N/A
Period of Significance N/A **Property Type** Warehouse **Applicable Criteria** N/A (Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Significance summary

As a result of Dudek's extensive archival research, field survey, record search, and property significance evaluations, Property 3: no associated address (APN 0132-171-01) appears ineligible as a historical resource at the local, state, or federal level. Therefore, the subject property is not considered a historical resource for the purposes of CEQA. The recommended status code for all evaluated properties is 6Z: Found ineligible for NR, CR, or Local designation through survey evaluation. [**See Continuation Sheet**]

B11. Additional Resource Attributes: (List attributes and codes) N/A

***B12. References:**

See **Continuation Sheet** for full list of references.

B13. Remarks:

***B14. Evaluator**: Claire Cancilla, MSHP
***Date of Evaluation:** 1/20/2022

(This space reserved for official comments.)

(Sketch Map with north arrow required.)



DPR 523B (9/2013) ***Required information**

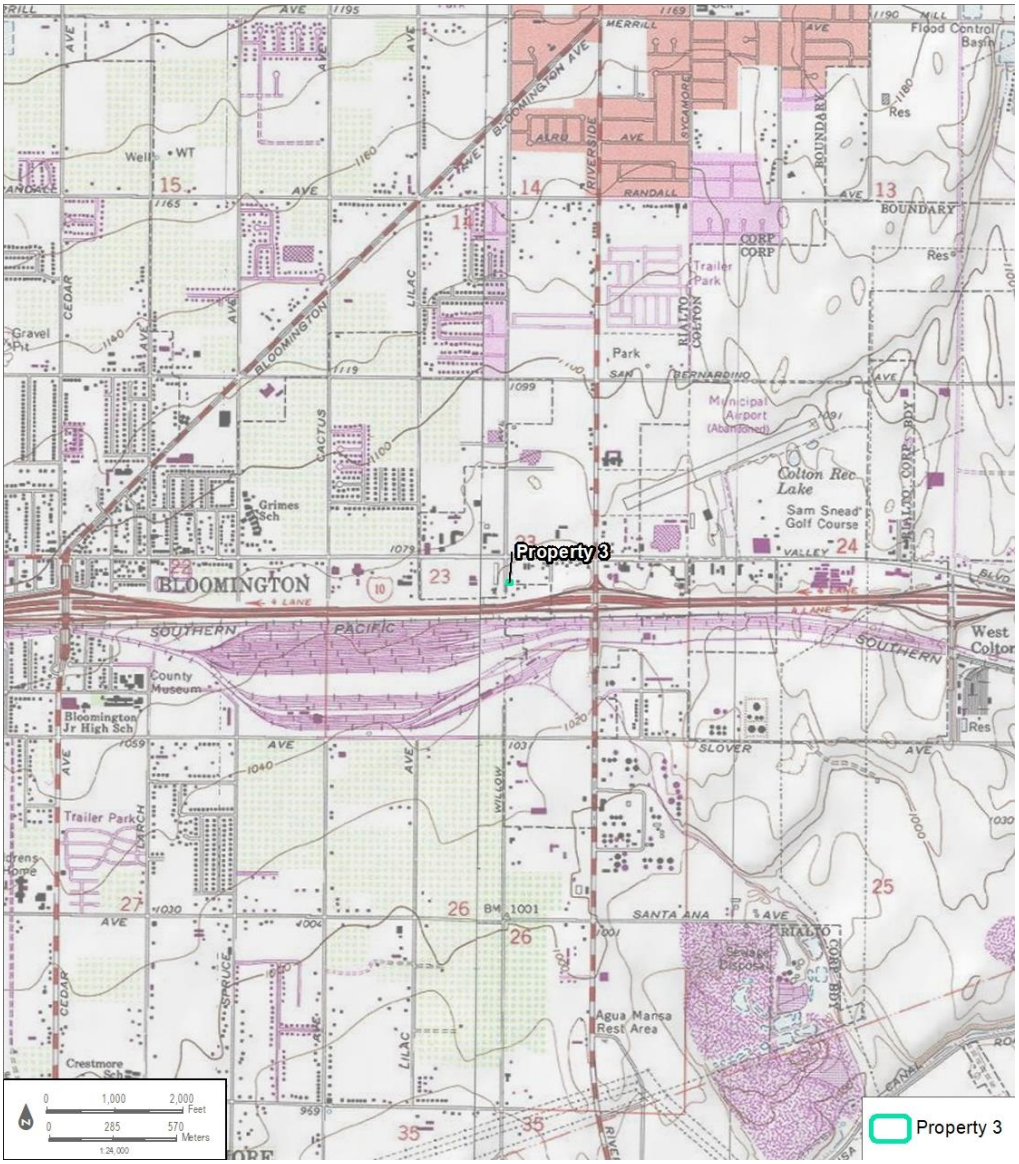


State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #
HRI#
Trinomial

Page 3 **of** 14 ***Resource Name or #** (Assigned by recorder) Property 3 (APN 0132-171-01)
***Map Name:** Rialto, CA ***Scale:** 1:24,000 ***Date of map:** 2013



***Required information**

***P3a. Description**:

Property 3's rear (south) elevation has a metal door and a wood-framed multi-light window. Most of the elevation is obscured from view by a truck trailer (Exhibit 11). The west elevation is blank, and the east elevation is hidden from view. A chain-link fence lines the west property line. Property 3 serves as a warehouse for storage on the Project site and is located on an unpaved lot.

Exhibit 1. Overview showing the primary (north) elevation of Property 3. View to the south (Dudek IMG_1588)



Exhibit 2. Oblique view showing the side (west) and rear (south) elevations of Property 3. View to the northeast (Dudek IMG_1868)



***B6. Construction History** *(continued from page 2):*

There were no building permits on file with the City of Rialto Building Division for Property 3. The following list of alterations to Property 3 was compiled through observation during the course of the intensive survey. The date of these alterations is unknown:

- Likely replacement sliding loading door, north elevation
- Small storage addition, east elevation
- Possible demolition at east (rear) elevation, based on aerial photographs showing the property's footprint from 1968 being larger than its present footprint (NETR 2022; UCSB 2022)

***B10. Significance** *(continued from page 2):*

Historical Overview of the City of Rialto (1881-present)

In the 1880s, the expansion of the nation's railroad network facilitated travel westward. The small settlement of Hinkley (originally spelled Hinckley for an early setter's son), was founded in 1881 upon the arrival of the Southern Pacific Railroad (along the present-day path of CA SR 58). By 1883, the land that now makes up the City of Rialto was originally part of Rancho San Bernardino, which was established by the San Gabriel Mission in the early nineteenth century. The rancho encompassed much of present-day San Bernardino, Fontana, Rialto, Redlands, and Colton. After Mexico gained control of California, the missions were secularized, and what once was mission land was granted to private individuals. Jose del Carmen Lugo, a member of a wealthy family, petitioned Governor Alvarado for a grant of the San Bernardino Rancho, where his family had been farming and grazing (Beattie 1933). The land was granted to the Lugo family on June 21, 1842, who continued grazing livestock in the area and built several adobes.

By 1851, the Lugo family sold eight leagues of their rancho for $75,000 to Mormon settlers who were attempting to create a new colony of the Latter-Day Saints. The colonists gave rise to the City of San Bernardino, though the area encompassed parts of present-day Rialto as well. Although the colony boasted a high population and even created its own political institution separate from the City of Los Angeles, it was plagued by large debt, discontent among the settlers with the church, and a growing disdain by the public for Mormons, particularly after the Mormon Rebellion of the late 1850s (Lyman 1989; Masters 2015). Church leaders struggled to maintain religious fervor among many of the San Bernardino residents, and many settlers appeared to make the move to San Bernardino to facilitate their own separation from the church's strict policies (Lyman 1989). After the Mountain Meadows Massacre of 1857, during which Mormons settlers in Utah ambushed and murdered non-Mormon settlers, the Mormon colony of San Bernardino was completely alienated from non-Mormon communities of Southern California, and anti-Mormon hostility reached its peak. It was at this time that Brigham Young summoned the devout to return to Utah. In 1856, before the exodus of many Mormons, the area had 3,000 inhabitants, of which 84% were Mormon. However, 1,400 returned to Utah, while the remaining 1,600 decided to abandon the church and make a life for themselves in California. This return rate for the Mormon colony of San Bernardino was much lower than many other Mormon settlements outside of Utah, indicating the growing disillusionment and discontent that the San Bernardino residents felt with the church or their attachment to their settlement in San Bernardino (Adams 2004; Lyman 1989).

After the decline of the Mormon colony, the area developed slowly until 1887 when a new section of the Santa Fe Railroad was established through San Bernardino County. Like other parts of San Bernardino County, the construction of the railroad

created a land speculation boom and a series of towns were established along the railroad's route. One such was Rialto, which was laid out by the Semi-Tropic Land and Water Development Company in 1887 at a cost of $670,000. While much of the early development efforts included brush clearing and town planning, a reliable water source was also a necessary component of the successful development of Rialto. To provide a reliable water source, the Semi-Tropic Land and Water Company built a concrete-lined canal that provided water from Lytle Creek Canyon to Riverside Avenue in Rialto. The Semi-Tropic Land and Water Company was formed by a group of associates, including Sam Merrill, a successful businessperson and banker from Iowa who came to the area and settled in Rialto once it was developed. Merrill's residence was one of the numerous grand homes in the area and was constructed at a cost of $15,000. Merrill continued to live in Rialto and eventually there was a street named in his honor (Adams 2004).

In the early years, Rialto was a small town that was largely rooted in an agricultural economic system based largely on citrus orchards that were located on the outskirts of the downtown core of the City. The earliest Sanborn map of Rialto dates to 1892 and shows a small town laid out in a grid pattern with a small collection of houses spaced throughout town. The town also included the following: blacksmith shop, school, cement pipe yard, lumberyard, drug store, merchandise store, railroad depot, and offices for the Semi-Tropic Land and Water Company. The largest building in town was identified on the Sanborn Map as the Semi-Tropic Hotel located on Riverside Avenue (Sanborn 1892a, 1892b).

Growth and development of Rialto continued throughout the nineteenth century and into the twentieth century. By 1907, Rialto established a Chamber of Commerce to support the growing town and its businesses. The 1907 Sanborn map shows an increase in residential buildings throughout the town to support the growing population. In addition to residential development, more defined commercial development is indicated with new business types emerging along Riverside Avenue since 1892. New businesses included a bakery, livery, wagon shop, and barbershop. Other changes to the town seen on the 1907 Sanborn Map include the emergence of fruit packing houses that served to support the citrus industry that was prospering on the outskirts of the town (Sanborn 1907a, 1907b, 1907c). The growth and development continued over the next few years, and by the City's incorporation in 1911, there were 1,500 residents, 40 businesses, and a local newspaper (Adams 2004; City of Rialto 2016; Sanborn 1892a, 1892b, 1907a, 1907b, 1907c, 1911a, 1911b, 1911c, 1911d).

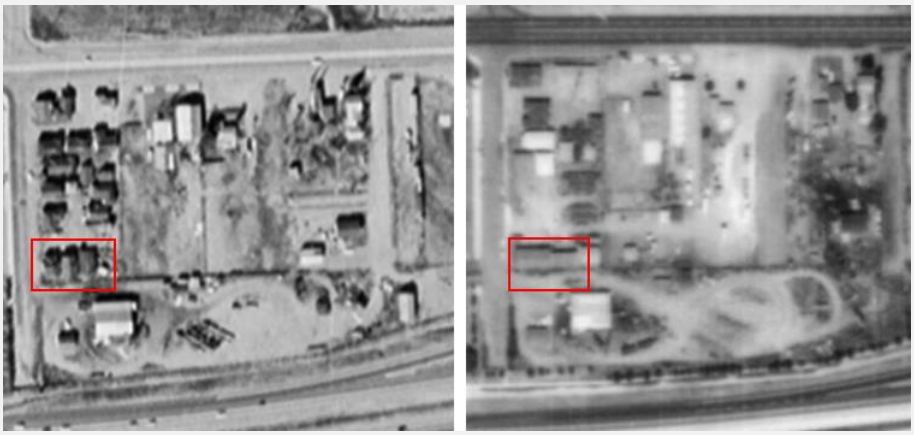
Rialto continued to grow throughout the 1910s with significant advances in transportation, including the transition of Foothill Boulevard to become part of the United States highway system as a section of Route 66 in 1913. Another advancement in transportation came the following year in 1914 when the San Bernardino Line of the Los Angeles Pacific Electric Railway was completed. However, disaster struck in the 1920s when a fire destroyed much of the downtown area (Adams 2004; City of Rialto 2016).

Like many other cities in California, World War II influenced Rialto's growth and development. During the war, a large ammunition dumpsite was put into operation in the City. Following the war, the ammunition dumpsite was taken over by a rocket-building subsidiary of B.F. Goodrich. Wartime and postwar industrial growth sparked the need for additional residential buildings to support workers and the general postwar population growth seen throughout Southern California. From the beginning of the 1950s to the end of the decade, the population of the City skyrocketed from 3,156 to 15,359. To manage this growth and development, residential subdivisions began to replace large agricultural parcels and citrus groves outside the downtown city core, and increased industrial and commercial development followed. The City continued to grow throughout the late twentieth century and continues to grow today with the most current population being reported at over 100,000 (City of Rialto 2016).

Property History

Property 3 is a nondescript warehouse and garage with no discernable architectural style originally constructed circa 1968 per aerial photographs (Exhibit 3; UCSB 2022; NETR 2022). At the time of Property 3's construction, the parcel on which it sits had been improved with approximately ten structures (none of which are extant in 2022). It appears that Property 3 was constructed as one of the structures originally serving Caudill's Auto Service, which began operating at the Project site in the 1960s (San Bernardino County Sun 1966: 26). Property 2, described above in Section 3.3.3, was also constructed as part of Caudill's Auto Service. It appears that Property 3 continued to serve as a warehouse and garage for the various primarily automotive and trucking businesses that operated from the Project site in subsequent years. From 1981 to 2021, Property 3 was owned by the same series of owners as Property 1, 2, 4A and 4B, and while there appears to have been some overlap in businesses (Ability Truck Parts appear to have operated out of all of these buildings from 1981 until 1992), they also had different occupants over the years.

Exhibit 3. 1962 aerial photograph (L) before the construction of Property 3 and 1968 aerial photograph (R) showing the property extant (UCSB 2022; NETR 2022)



Occupancy History

There was no property ownership information for Property 3's APN in the San Bernardino County PIMS and additional research did not identify owners or occupants of Property 3. Property 3 and the property at 285 S. Willow Street (APN 0132-171-03) likely served the same businesses over time, based on their proximity. Today, both properties serve the trucking service, repair, and driving school that operates from the Project site.

Commented [CC1]: Allison - should I copy the occupancy history table for property 2 (285 willow) here?

Commented [AL2R1]: No - we don't need it here

Architect

There is no original building permit on file for Property 3 and additional research did not identify the name of the property's

original architect or builder.

NRHP/CRHR Statement of Significance

Property 3: No associated address (APN 0132-171-01) does not meet any of the criteria for listing in the NRHP or CRHR, either individually or as part of an existing historic district, as demonstrated below.

Criterion A/1: That are associated with events that have made a significant contribution to the broad patterns of our history.

Archival research of Property 3: No associated address (APN 0132-171-01) did not find any associations with events that have made a significant contribution to the broad patterns of history. Property 3 is a nondescript warehouse with no discernable architectural style constructed circa 1968 to serve as a warehouse for Caudill's Auto Service, an automotive business. The area in which Property 3 sits began to be developed with light industrial and commercial properties beginning in the 1950s and continuing through the 1970s. This trend of development was part of a post-World War II population and development boom that occurred throughout communities in Southern California. In Rialto, the population grew from 3,156 to 15,359 throughout the 1950s (City of Rialto 2016). As a result of this population growth and associated development pressure, the formerly agricultural nature of the area surrounding the Project site correspondingly changed in the postwar decades, including the eventual development of Property 3.

At the time of Property 3's construction, the Project site had already been developed with structures that appear to have primarily served automotive-related businesses. Property 3, along with Property 2, originally served as a warehouse for Caudill's Auto Service. While Property 3 is an example of increased post-World War II development that occurred in Rialto in the postwar decades, there is no indication that the construction of this specific property marked a pivotal point in the history of the neighborhood or city. It was neither the first nor the last of its type and was merely following a continuous pattern of light industrial and commercial development on West Valley Boulevard and around the I-10 that began in the 1950s and shifted the character of the area from primarily citrus type agriculture to light industrial and commercial. The property is not known to be directly associated with events that have made a significant contribution to the history of Rialto, California, or the United States and, therefore, Property 3 does not appear eligible under NRHP Criterion A or CRHR Criterion 1.

Criterion B/2: That are associated with the lives of persons significant in our past.

To be found eligible under Criterion B/2 the property has to be directly tied to an important person and the place where that individual conducted or produced the work for which he or she is known. Archival research did not identify any such direct association between individuals that are known to be historic figures at the national, state, or local level and Property 3. Property 3 was constructed circa 1968 to serve as a warehouse for Caudill's Auto Service, an automotive repair business that had operated from the Project site beginning in the early 1960s. Subsequent occupants include A-1 Autobody (197801981) and Irvine O. Thompson (1981-2000), who also owned Properties 1, 4A, and 4B during this time. During Thompson's ownership of these properties, he operated Ability Truck Parts from the Project site. While automotive and trucking services are important industries, research did not indicate that any of the businesses associated with Property 1 were particularly innovative or notable.

Research did not uncover additional information that these or other listed owners of the property were important to the past. Due to a lack of identified significant associations with important persons in history, Property 3 does not appear eligible under NRHP Criterion B or CRHR Criterion 2.

Criterion C/3: That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.

Property 3 is a nondescript warehouse with no discernable architectural style built circa 1968. Property 3 does not embody distinctive characteristics of a type, period or method of construction. It is a typical example of a late 1960s nondescript commercial warehouse. There is nothing notable or unique about its design; it does not possess the distinctive characteristics of any particular style and is executed with common materials. Property 3 appears to have been constructed through already well-documented and common construction techniques and methods and does not appear to possess high artistic values by articulating a particular concept of design to the extent that it expresses an aesthetic ideal. Property 3 is also not a rare example of its type; there are similar warehouses from this time period throughout Rialto, Southern California, and the United States. Archival research did not identify an architect, designer, or builder of Property 3. As it is a common typology and lacks distinctive characteristics, it is unlikely that it was the work of a master architect or builder.

The last component of Criterion C, representing a significant and distinguishable entity whose components may lack individual distinction, is the most applicable to districts. Property 3 does not appear likely to contribute to a potential historic district. Therefore, Property 3 does not appear eligible under NRHP Criterion C or CRHR Criterion 3.

Criterion D/4: That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D was not considered in the evaluation, because it generally applies to archeological resources. Property 3 is not significant under Criterion D of the NRHP or Criterion 4 of the CRHR as a source, or likely source, of important historical information nor do they appear likely to yield important information about historic construction methods, materials or technologies.

City of Rialto Statement of Significance

Property 3: No associated address (APN 0132-171-01) does not meet any of the eligibility criteria for listing as a designated historical resource by the City of Rialto as demonstrated below.

1. ***It has character, interest or value as part of the development, heritage, or cultural characteristics of the city, state of California or the United States.***

   Property 3 is a nondescript utilitarian warehouse and garage constructed circa 1968. As discussed in NRHP/CRHR Criteria A/1, Property 3 does not appear to have character, interest, or value as part of the development, heritage, or cultural characteristics of the City of Rialto, California, or the United States. Therefore, Property 1 appears ineligible under City of Rialto Criteria 3.

2. ***It is the site of a documented historic event.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any documented historic events occurring at Property 3. Therefore, Property 3 appears ineligible under City of Rialto Criteria 2.

3. It is strongly identified with a person or persons who significantly contributed to the culture, history or development of the city.

As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any strong identification between Property 3 and any person or persons who significantly contributed to the culture, history, or development of Rialto. Therefore, Property 3 appears ineligible under City of Rialto Criteria 3.

4. It is one of the few remaining examples in the city possessing distinguishing characteristics of an architectural type or specimen.

Property 3 does not represent one of the few remaining examples in the city, region, state, or nation possessing distinctive characteristics of an architectural type of specimen. Property 3 is a nondescript warehouse with no discernable architectural style constructed circa 1960. There are many similar buildings in Rialto, San Bernardino County, California, and the nation. Therefore, Property 3 appears ineligible under City of Rialto Criteria 4.

5. It is notable work of an architect or master builder.

As discussed in NRHP/CRHR Criteria C/1, Property 3 is a nondescript warehouse with no discernable architectural style. Archival research did not identify a builder or architect associated with the design of Property 3. As such, Property 3 is not a notable work of an architect or master builder, nor is it a notable architectural type of specimen. There are many similar warehouses in Rialto, California, and the nation. Therefore, Property 1 appears ineligible under City of Rialto Criteria 5.

6. It embodies elements of architectural design, detail, materials or craftsmanship.

As discussed in NRHP/CRHR Criteria C/3, Property 3 does not embody elements of architectural design detail, materials, or craftsmanship, It is a nondescript warehouse with no discernable architectural style and is constructed of common materials using already well-documented common construction techniques. Therefore, Property 3 appears ineligible under City of Rialto Criteria 6.

7. It has a unique location or singular physical characteristics representing an established and familiar visual feature in the city.

Property 3 is not in a unique location nor does it have singular physical characteristics representing an established and familiar visual feature in the City of Rialto. Therefore, Property 3 appears ineligible under City of Rialto Criteria 7.

8. It has unique design or detailing.

As discussed under NRHP/CRHR Criteria C/2, Property 3 is a nondescript warehouse with no discernable style. It does not have a unique design or detailing and there are many similar warehouses throughout Rialto, California, and the United States. Therefore, Property 3 appears ineligible under City of Rialto Criteria 8.

9. It is a particularly good example of a period or style.

As discussed under NRHP/CRHR Criteria C/2, Property 3 is a nondescript warehouse with no discernable style. It is not a particularly good example of a period or style. Therefore, Property 3 appears ineligible under City of Rialto Criteria 9.

10. It is located within a historic district, contributes to the overall feeling of the district, and which individually may lack significance.

Property 3 is not located within an existing historic district, nor is it located in an area with a concentration of historic-age buildings. It does not contribute to the overall feeling of a district. Therefore, Property 3 appears ineligible under City of Rialto Criteria 10.

Integrity Discussion

To be eligible for listing in the NRHP, CRHR, or for local designation, properties must retain their physical integrity from the period in which they gained significance. In the case of architecturally significant properties, the period of significance is normally the date of construction. For historically significant properties, the length of the historic associations usually measures the period of significance. *National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation* states that the integrity of a property is based upon the historical significance and character-defining features of that property, and that "only after significance is fully established can you proceed to the issue of integrity" (U.S. Department of the Interior 1997: 45). Property 3 was not found significant under any NRHP, CRHR, or local criteria, and do not have a period of significance. Therefore, its integrity does not require examination.

Summary of Findings

As a result of Dudek's archival research, field survey, record search, and property significance evaluations, Property 3 is recommended ineligible for the NRHP, CRHR, or as a designated City of Rialto historical resource due to a lack of significant historical associations and architectural merit. Therefore, Property 3 is not considered a historical resource for the purposes of CEQA. The recommended status code is 6Z: Found ineligible for NR, CR or Local designation through survey evaluation.

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State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings_____
Review Code Reviewer Date

Page 1 **of** 17 ***Resource Name or #:** (Assigned by recorder) 1743 S. Willow Avenue
P1. Other Identifier: Property 4A / Property 4B

*P2. **Location:** ☐ **Not for Publication** ■ **Unrestricted**
*a. **County** San Bernardino **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)
b. **USGS 7.5' Quad** San Bernardino **Date** 2013 **T** 1S; **R** 5W; **of Sec** 23; San Bernardino **B.M.**
c. Address 1743 S. Willow Avenue City Rialto Zip 92376
d. UTM: (Give more than one for large and/or linear resources) Zone 11N, 465449 mE/ 3769886 mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, decimal degrees, etc., as appropriate)
APN 0254-111-01

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)
Property 4A is a nondescript office building with no discernable style and Property 4B is a nondescript warehouse and garage with no discernable style. The two buildings are located on the same parcel and have historically served the same businesses. Therefore, they are discussed together in this DPR. [See Continuation Sheet]

***P3b. Resource Attributes:** (List attributes and codes) HP8 Industrial building
***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Primary (north) and east elevations, view to the southwest (12/13/22)
***P6. Date Constructed/Age and Source:** ■ Historic ☐ Prehistoric ☐ Both ☐
c.1953 (NETR 2022)
***P7. Owner and Address:**
Patriot Development Partners
12126 West Sunset Boulevard
Los Angeles, California 90094
***P8. Recorded by:** (Name, affiliation, and address)
Claire Cancilla, MSHP
Dudek, 38 N Marengo Avenue,
Pasadena, CA 91101
***P9. Date Recorded:** 12/13/2022
***P10. Survey Type:** (Describe)
Intensive
***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")
Dudek. 2022. Built Environment Inventory and Evaluation Report: Alice/Willow Avenue Warehouse Project, Rialto, California. Prepared January 2023.

***Attachments:** ☐NONE ■Location Map ■Continuation Sheet ■Building, Structure, and Object Record
☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) 1743 S. Willow Avenue ***NRHP Status Code** 6Z

B1. Historic Name: 1743 S. Willow Avenue
B2. Common Name: _____
B3. Original Use: Office (4A) / Warehouse (4B) B4. Present Use: Office (4A) / Warehouse (4B)
***B5. Architectural Style:** Nondescript with no discernable architectural style
***B6. Construction History:** (Construction date, alterations, and date of alterations)

See **Continuation Sheet** for an alterations list based on archival research and on-site observation.

***B7. Moved?** ☒No ☐Yes ☐Unknown **Date:** _____ **Original Location:** _____
***B8. Related Features:**
N/A

B9a. Architect: None b. Builder: Unknown
***B10. Significance: Theme** Historic Development of the City of Rialto (1881-present) **Area** N/A
Period of Significance N/A **Property Type** Office (4A) / Warehouse (4B) **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Significance summary

As a result of Dudek's extensive archival research, field survey, record search, and property significance evaluations, Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01) appear ineligible as historical resources at the local, state, or federal level. Therefore, the subject properties are not considered a historical resource for the purposes of CEQA. The recommended status code for all evaluated properties is 6Z: Found ineligible for NR, CR, or Local designation through survey evaluation. [**See Continuation Sheet**]

B11. Additional Resource Attributes: (List attributes and codes) N/A

***B12. References:**

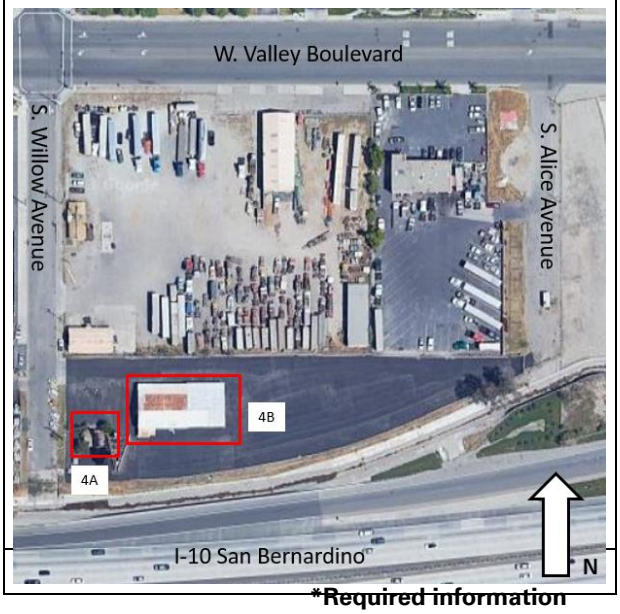
See **Continuation Sheet** for full list of references.

B13. Remarks:

***B14. Evaluator**: Claire Cancilla, MSHP
***Date of Evaluation:** 1/20/2022

(This space reserved for official comments.)

(Sketch Map with north arrow required.)

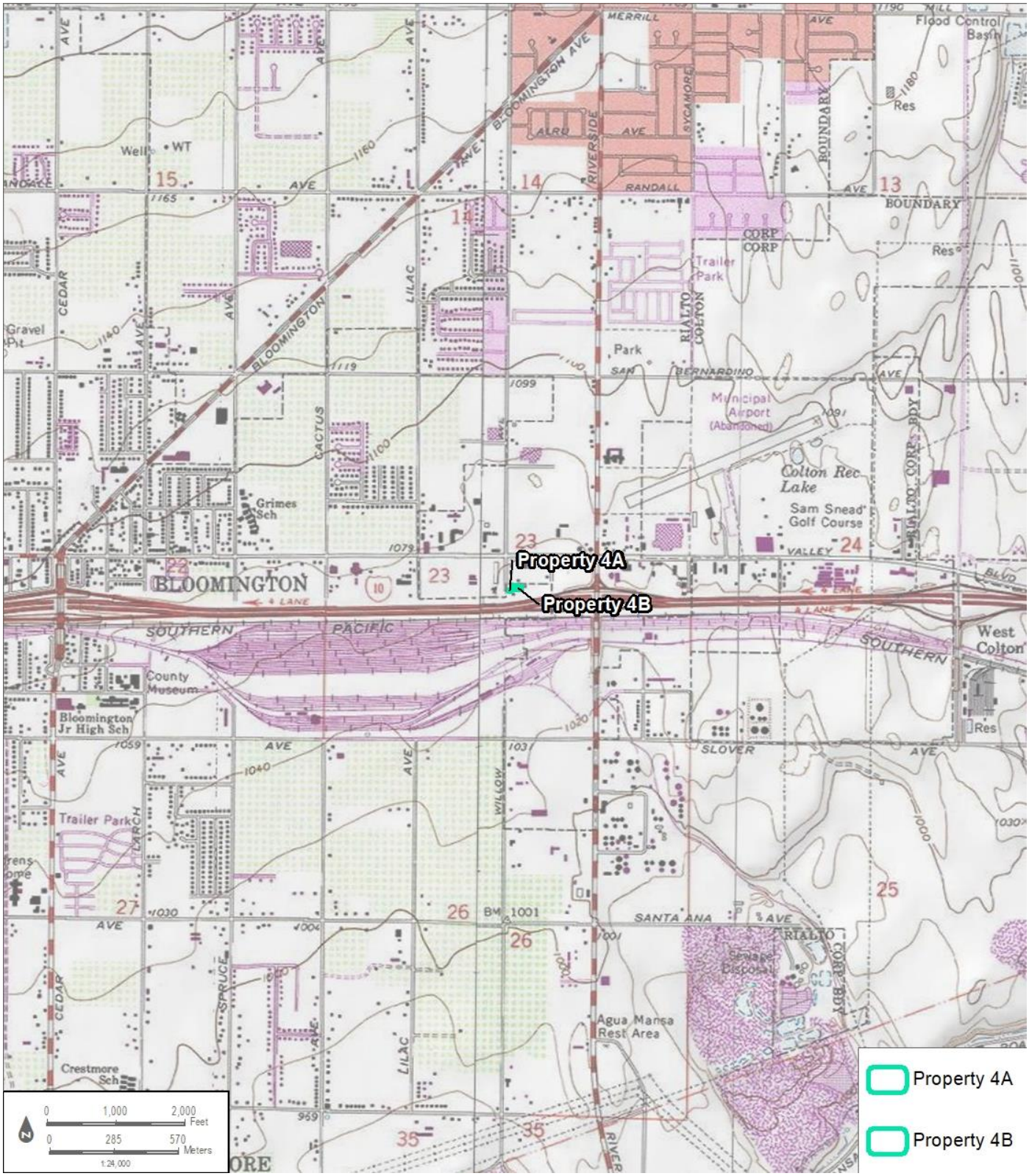


State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #
HRI#
Trinomial

Page 3 **of** 17 ***Resource Name or #** (Assigned by recorder) 2 1743 S. Willow Avenue / Property 4A / 4B
***Map Name:** Rialto, CA ***Scale:** 1:24,000 ***Date of map:** 2013



***P3a. Description:**

Property 4A

Property 4A is a nondescript office building with no discernable style constructed circa 1953 per aerial photographs (NETR 2022; UCSB 2022). The property is simple with no ornamentation. Property 4A is a one-story with a square plan and a gable roof clad in composite shingles with slight overhanging eaves with visible rafter tails. The primary (west) elevation (Exhibit 1) has a six-panel door at the center and is flanked by vinyl frame slider windows with bars on either side. The rear (east) elevation has another door, covered in security bars and a vinyl frame slider window. There is an identical window on the south elevation and a multi-light vinyl frame slider window on north elevation. Property 4A serves as an office for the trucking businesses on the Project site and is located on a large, paved lot approximately 45-feet west of Property 4B, a warehouse used for truck storage and repair.

Exhibit 1. Oblique view showing the primary (west) and north elevations of Property 4A. View to the east (Dudek IMG_1800)



Property 4B

Property 4B is a nondescript, utilitarian warehouse with no discernable architectural style constructed circa 1953 per aerial photographs (NETR 2022; UCSB 2022). It is a one-story building with a front gable roof, clad with metal sheathing, and has a rectangular footprint (Exhibit 2). The property is clad in corrugated metal cladding, much of which appears to be replacement based on the site survey. There is no decoration, and fenestration is limited to a large loading bay on the primary (west) and rear (east) elevations, as well as a corrugated metal door on the south elevation. The north elevation is blank. It appears the whole elevation has been expanded with an enclosed extension that wraps around to the rear and primary elevations. The east (rear) elevation is open with exposed metal trusses. Property 4B is located on a large, paved lot directly north of the I-10 and approximately 45-feet east of Property 4A, an office used for the trucking businesses.

Exhibit 2. Oblique view showing the primary (west) and south elevations of Property 4B. View to the northeast (Dudek IMG_1815)



***B6. Construction History** *(continued from page 2):*

While the City of Rialto Building Division did return permits for the address 1743 S. Willow Avenue, these documents included electrical permits and change of occupancy and did not include building permits.

Property 4A

The following list of alterations to Property 4A was compiled through observation during the course of the intensive survey. The date of these alterations is unknown:

- Replacement vinyl windows, all elevations
- Replacement door, west (primary) elevation
- Security bars over windows, al elevations
- Replacement roof (likely)

Property 4B

The following list of alterations to Property 4B was compiled through observation during the course of the intensive survey. The date of these alterations is unknown:

- Replacement cladding, all elevations

- Replacement roofing
- Possible expansion on west elevation

***B10. Significance** *(continued from page 2):*

Historical Overview of the City of Rialto (1881-present)

In the 1880s, the expansion of the nation's railroad network facilitated travel westward. The small settlement of Hinkley (originally spelled Hinckley for an early setter's son), was founded in 1881 upon the arrival of the Southern Pacific Railroad (along the present-day path of CA SR 58). By 1883, the land that now makes up the City of Rialto was originally part of Rancho San Bernardino, which was established by the San Gabriel Mission in the early nineteenth century. The rancho encompassed much of present-day San Bernardino, Fontana, Rialto, Redlands, and Colton. After Mexico gained control of California, the missions were secularized, and what once was mission land was granted to private individuals. Jose del Carmen Lugo, a member of a wealthy family, petitioned Governor Alvarado for a grant of the San Bernardino Rancho, where his family had been farming and grazing (Beattie 1933). The land was granted to the Lugo family on June 21, 1842, who continued grazing livestock in the area and built several adobes.

By 1851, the Lugo family sold eight leagues of their rancho for $75,000 to Mormon settlers who were attempting to create a new colony of the Latter-Day Saints. The colonists gave rise to the City of San Bernardino, though the area encompassed parts of present-day Rialto as well. Although the colony boasted a high population and even created its own political institution separate from the City of Los Angeles, it was plagued by large debt, discontent among the settlers with the church, and a growing disdain by the public for Mormons, particularly after the Mormon Rebellion of the late 1850s (Lyman 1989; Masters 2015). Church leaders struggled to maintain religious fervor among many of the San Bernardino residents, and many settlers appeared to make the move to San Bernardino to facilitate their own separation from the church's strict policies (Lyman 1989). After the Mountain Meadows Massacre of 1857, during which Mormons settlers in Utah ambushed and murdered non-Mormon settlers, the Mormon colony of San Bernardino was completely alienated from non-Mormon communities of Southern California, and anti-Mormon hostility reached its peak. It was at this time that Brigham Young summoned the devout to return to Utah. In 1856, before the exodus of many Mormons, the area had 3,000 inhabitants, of which 84% were Mormon. However, 1,400 returned to Utah, while the remaining 1,600 decided to abandon the church and make a life for themselves in California. This return rate for the Mormon colony of San Bernardino was much lower than many other Mormon settlements outside of Utah, indicating the growing disillusionment and discontent that the San Bernardino residents felt with the church or their attachment to their settlement in San Bernardino (Adams 2004; Lyman 1989).

After the decline of the Mormon colony, the area developed slowly until 1887 when a new section of the Santa Fe Railroad was established through San Bernardino County. Like other parts of San Bernardino County, the construction of the railroad created a land speculation boom and a series of towns were established along the railroad's route. One such was Rialto, which was laid out by the Semi-Tropic Land and Water Development Company in 1887 at a cost of $670,000. While much of the early development efforts included brush clearing and town planning, a reliable water source was also a necessary component of the successful development of Rialto. To provide a reliable water source, the Semi-Tropic Land and Water Company built a concrete-lined canal that provided water from Lytle Creek Canyon to Riverside Avenue in Rialto. The Semi-Tropic Land and Water Company was formed by a group of associates, including Sam Merrill, a successful businessperson and banker from Iowa who came to the area and settled in Rialto once it was developed. Merrill's residence was one of the numerous grand homes in the area and was constructed at a cost of $15,000. Merrill continued to live in Rialto and eventually

there was a street named in his honor (Adams 2004).

In the early years, Rialto was a small town that was largely rooted in an agricultural economic system based largely on citrus orchards that were located on the outskirts of the downtown core of the City. The earliest Sanborn map of Rialto dates to 1892 and shows a small town laid out in a grid pattern with a small collection of houses spaced throughout town. The town also included the following: blacksmith shop, school, cement pipe yard, lumberyard, drug store, merchandise store, railroad depot, and offices for the Semi-Tropic Land and Water Company. The largest building in town was identified on the Sanborn Map as the Semi-Tropic Hotel located on Riverside Avenue (Sanborn 1892a, 1892b).

Growth and development of Rialto continued throughout the nineteenth century and into the twentieth century. By 1907, Rialto established a Chamber of Commerce to support the growing town and its businesses. The 1907 Sanborn map shows an increase in residential buildings throughout the town to support the growing population. In addition to residential development, more defined commercial development is indicated with new business types emerging along Riverside Avenue since 1892. New businesses included a bakery, livery, wagon shop, and barbershop. Other changes to the town seen on the 1907 Sanborn Map include the emergence of fruit packing houses that served to support the citrus industry that was prospering on the outskirts of the town (Sanborn 1907a, 1907b, 1907c). The growth and development continued over the next few years, and by the City's incorporation in 1911, there were 1,500 residents, 40 businesses, and a local newspaper (Adams 2004; City of Rialto 2016; Sanborn 1892a, 1892b, 1907a, 1907b, 1907c, 1911a, 1911b, 1911c, 1911d).

Rialto continued to grow throughout the 1910s with significant advances in transportation, including the transition of Foothill Boulevard to become part of the United States highway system as a section of Route 66 in 1913. Another advancement in transportation came the following year in 1914 when the San Bernardino Line of the Los Angeles Pacific Electric Railway was completed. However, disaster struck in the 1920s when a fire destroyed much of the downtown area (Adams 2004; City of Rialto 2016).

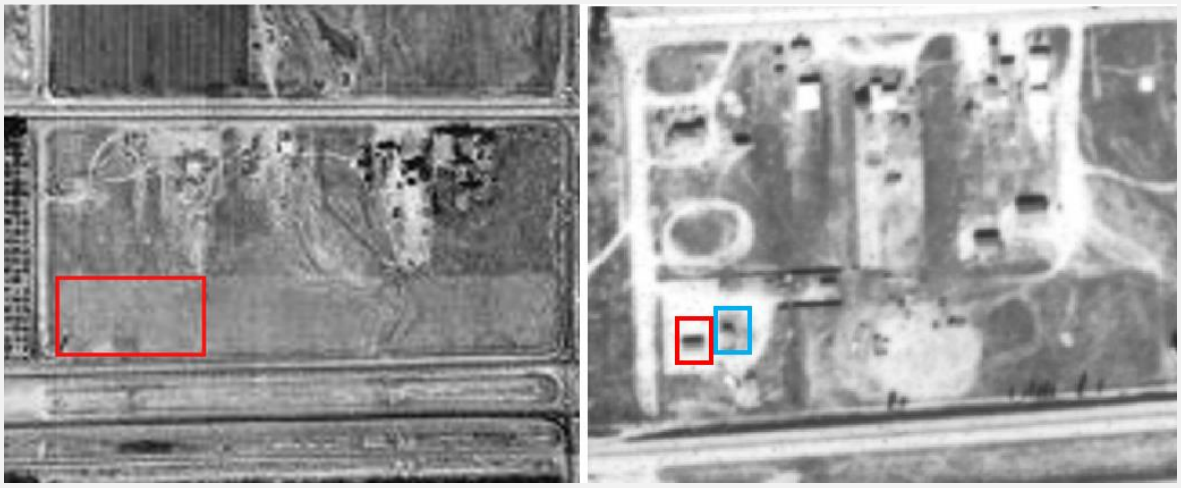
Like many other cities in California, World War II influenced Rialto's growth and development. During the war, a large ammunition dumpsite was put into operation in the City. Following the war, the ammunition dumpsite was taken over by a rocket-building subsidiary of B.F. Goodrich. Wartime and postwar industrial growth sparked the need for additional residential buildings to support workers and the general postwar population growth seen throughout Southern California. From the beginning of the 1950s to the end of the decade, the population of the City skyrocketed from 3,156 to 15,359. To manage this growth and development, residential subdivisions began to replace large agricultural parcels and citrus groves outside the downtown city core, and increased industrial and commercial development followed. The City continued to grow throughout the late twentieth century and continues to grow today with the most current population being reported at over 100,000 (City of Rialto 2016).

Property History

Aerial photographs indicate that Property 4A was extant by 1953 and property 4B was under construction by 1953 (Exhibit 3; UCSB 2022). Research did not identify an original owner or occupancy of Property 4A and 4B, however, it appears that both properties served various businesses, including R. Thompson Trucking in the 1970s and 1980s. From 1981 to 2021, Property 4A and Property 4B were owned by the same series of owners as Property 1, 2 and 3. While there appears to have been some overlap in businesses during this time period (Ability Truck Parts appear to have operated out of all of these buildings from 1981 until 1992), they also had different occupants over the years. Today, Property 4A and Property 4B

serve the trucking service, repair, and driving school that operate from the Project site.

Exhibit 3. 1948 aerial photograph showing the future location of Property 4A and 4B (outlined in red) and 1953 aerial showing that Property 4a (Office; red outline) is extant and Property 4B appears to be under construction (blue line). Both Property 4A and 4B are fully visible in a 1959 aerial photograph (UCSB 2022; NETR 2022).



Occupancy History

Table 1, below, lists the ownership history information available identified through research efforts from Property 4A and 4B's circa 1953 construction to the present day. There are no original building permits on file for Property 4A and 4B and research did not indicate an original owner of Property 4A or 4B. Additional information on the property's history and its various owners is provided in the "Notes" column of the below table. Research did not reveal that these owners or occupants are persons important to our past.

Table 1. Ownership / Occupancy for Property 4A and 4B: 1743 S. Willow Avenue (APN 0132-171-03)

Years	Owner/ Occupant	Name	Notes	Source
c. 1970-1979	Owner and occupant	Inez and Ronald Gerald Thompson / R. Thompson Trucking	Proprietors of R. Thompson Trucking.	San Bernardino County Sun 1973: 20. San Bernardino County Sun 1974: 24. San Bernardino County Sun 1979c: 11
1979	Occupant	Kenneth Charles Fairburn / Fairburn Transportation	Trucking business that was in operation for 35 years; research only identified its location as being at Property 4A/4B in 1979.	San Bernardino County Sun 1979a: 11 San Bernardino County Sun 1991: 18

Years	Owner/ Occupant	Name	Notes	Source
1981 - 2000	Owner	Jean and Irvine Thompson / Ability Truck Parts	Thompson also owned Property 1, 2, 4A and 4B at this time and operated his business, Ability Truck Parts, from Property 1 until circa 1992. It is likely Ability Truck Parts also operated out of Property 4A and 4B.	PIMS
2000-2007	Owner	Shirley and Forest G. Tolleson Marcy James E. O'Neil Carolyn and Rodney Collin	Research did not identify information on these owners. Owners also owned Properties 2 and 3 at this time.	PIMS
2004	Occupant	Terrill E Stewart / GWP	GWP was a golf cart retail sales company.	City of Rialto 2004: Building Permit 2004-1693
2007-2018	Owner	Irvine Thompson Trust	Research did not identify information on this Trust. Trust also owned Property 2 and 3 at this time.	PIMS
2018 - 2019	Owner	Long Family Trust	Research did not identify information on this Trust. Trust also owned Property 2 and 3 at this time.	PIMS
2019-2021	Owner	Newell Family Trust	Research did not identify information on this Trust. Trust also owned Property 2 and 3 at this time.	PIMS
2021	Owner	Stallion Realty LLC	Research did not identify information on this LLC. LLC also owned Property 2 and 3 at this time.	PIMS

Architect

There is no original building permit on file for Property 4A or Property 4B and additional research did not identify the name of the original architect or builder for either property.

NRHP/CRHR Statement of Significance

Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01) does not meet any of the criteria for listing in the NRHP or CRHR, either individually or as part of an existing historic district, as demonstrated below.

Criterion A/1: That are associated with events that have made a significant contribution to the broad patterns of our history.

Archival research of Property 4A and 4B: 743 S. Willow Avenue (APN 0254-111-01) did not find any associations with events that have made a significant contribution to the broad patterns of history. Property 4A is a nondescript office building with no discernable architectural style and Property 4B is a nondescript warehouse with no discernable architectural style. Both properties were constructed circa 1953. The area in which the properties sit began to be developed with light industrial and commercial properties beginning in the 1950s and continuing through the 1970s. This trend of development was part of a post-World War II population and development boom that occurred in communities throughout Southern California. From the start of the 1950s to the end of the decade, the population in Rialto grew from 3,156 to 15,359 (City of Rialto 2016). As a result of this population growth and associated development pressure, the formerly agricultural nature of the area surrounding the Project site correspondingly changed in the postwar decades, including the development of Property 4A and 4B.

At the time of Property 4A and 4B's construction, the Project site was in the process of being developed with structures that appear to have primarily served automotive-related businesses. Property 4A and 4B appear to have served the various trucking and automotive-related businesses occupying Property 4A and 4B, including R. Thompson Trucking (c. 1970-1979). While Property 4A and 4B are examples of increased post-World War II development that occurred in Rialto in the postwar decades, there is no indication that the construction of these specific buildings marked a pivotal point in the history of the neighborhood or city. They were neither the first nor the last of their type to be constructed in Rialto and were merely following a continuous pattern of light industrial and commercial development on West Valley Boulevard and around the I-10 that began in the 1950s and shifted the character of the area from primarily citrus type agriculture to light industrial and commercial. Property 4A and 4B are not known to be directly associated with events that have made a significant contribution to the history of Rialto, California, or the United States and, therefore, Property 4A and 4B do not appear eligible under NRHP Criterion A or CRHR Criterion 1.

Criterion B/2: That are associated with the lives of persons significant in our past.

To be found eligible under Criterion B/2 properties have to be directly tied to an important person and the place where that individual conducted or produced the work for which he or she is known. Archival research did not identify any such direct association between individuals that are known to be historic figures at the national, state, or local level and Property 4A and 4B. Property 4A and 4B were constructed circa 1953 and appear to have served various automotive and trucking businesses. The earliest identified owner of the properties were Inez and Ronald Gerald Thompson who operated R. Thompson Trucking from the properties from circa 1970 to 1979. Subsequent occupants include Fairburn Transportation (1979), another trucking business, and Irvine O. Thompson (1981-2000), who also owned Properties 1, 2, and 3 the same time. During Thompson's ownership of these properties, he operated Ability Truck Parts from the Project site. While automotive and trucking services are important industries, research did not indicate that any of the businesses associated with Property 4A or 4B were particularly innovative or notable.

Research did not uncover additional information that these or other listed owners of the property were important to the past. Due to a lack of identified significant associations with important persons in history, Property 4A and 4B do not appear eligible under NRHP Criterion B or CRHR Criterion 2.

Criterion C/3: That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.

Property 4A is a nondescript office with no discernable architectural style and Property 4B is a nondescript warehouse with no discernable architectural style. Both properties were built circa 1953. The properties do not embody distinctive characteristics of a type, period or method of construction. They are both typical examples of 1950s nondescript commercial or warehouse buildings. There is nothing notable or unique about their designs; they do not possess the distinctive characteristics of any particular style and they are executed with common materials. Property 4A and Property 4B appear to have been constructed through already well-documented and common construction techniques and methods and do not appear to possess high artistic values by articulating a particular concept of design to the extent that they express an aesthetic ideal. Property 4A and Property 4B are also not a rare example of their type; there are similar warehouses and office buildings from this time period throughout Rialto, Southern California, and the United States. Archival research did not identify an architect, designer, or builder of Property 4A or Property 4B. As these buildings represent common typologies and lack distinctive characteristics, it is unlikely that either property was the work of a master architect or builder.

The last component of Criterion C, representing a significant and distinguishable entity whose components may lack individual distinction, is the most applicable to districts. Property 4A and Property 4B do not appear likely to contribute to a potential historic district. Therefore, Property 4A and 4B do not appear eligible under NRHP Criterion C or CRHR Criterion 3.

Criterion D/4: That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D was not considered in the evaluation, because it generally applies to archeological resources. Property 4A is not significant under Criterion D of the NRHP or Criterion 4 of the CRHR as a source, or likely source, of important historical information nor do they appear likely to yield important information about historic construction methods, materials or technologies.

City of Rialto Statement of Significance

Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01) does not meet any of the eligibility criteria for listing as a designated historical resource by the City of Rialto as demonstrated below.

1. ***It has character, interest or value as part of the development, heritage, or cultural characteristics of the city, state of California or the United States.***

   Property 4A is a nondescript office and Property 4B is a nondescript warehouse constructed circa 1953. As discussed in NRHP/CRHR Criteria A/1, Property 4A does not appear to have character, interest, or value as part of the development, heritage, or cultural characteristics of the City of Rialto, California, or the United States. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 3.

2. ***It is the site of a documented historic event.***

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any documented historic events occurring at Property 4A or 4B. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 2.

3. It is strongly identified with a person or persons who significantly contributed to the culture, history or development of the city.

As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any strong identification between Property 4A and 4B and any person or persons who significantly contributed to the culture, history, or development of Rialto. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 3.

4. It is one of the few remaining examples in the city possessing distinguishing characteristics of an architectural type or specimen.

Property 4A and 4B do not represent one of the few remaining examples in the city, region, state, or nation possessing distinctive characteristics of an architectural type of specimen. Both properties are nondescript with no discernable architectural style constructed circa 1953. There are many similar buildings in Rialto, San Bernardino County, California, and the nation. Therefore, Property 4A and 4B appear appears ineligible under City of Rialto Criteria 4.

5. It is notable work of an architect or master builder.

As discussed in NRHP/CRHR Criteria C/1, Property 4A and 4B are nondescript buildings with discernable architectural style. Archival research did not identify a builder or architect associated with the design of Property 4A or 4B. As such, Property 4A and 4B are not a notable work of an architect or master builder, nor are they a notable architectural type of specimen. There are many similar buildings in Rialto, California, and the nation. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 5.

6. It embodies elements of architectural design, detail, materials or craftsmanship.

As discussed in NRHP/CRHR Criteria C/3, Property 4A and 4B do not embody elements of architectural design detail, materials, or craftsmanship. Both buildings are nondescript with no particular architectural style and were constructed of common materials using already well-documented common construction techniques. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 6.

7. It has a unique location or singular physical characteristics representing an established and familiar visual feature in the city.

Property 4A and 4B are not in a unique location nor does it have singular physical characteristics representing an established and familiar visual feature in the City of Rialto. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 7.

8. It has unique design or detailing.

As discussed under NRHP/CRHR Criteria C/2, Property 4A and 4B do not have unique designs or detailing and there are many similar buildings throughout Rialto, California, and the United States. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 8.

9. It is a particularly good example of a period or style.

As discussed under NRHP/CRHR Criteria C/2, Property 4A and 4B are nondescript buildings with no discernable style. They are not a particularly good example of a period or style. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 9.

10. It is located within a historic district, contributes to the overall feeling of the district, and which individually may lack significance.

Property 4A and 4B are not located within an existing historic district, nor are they located in an area with a concentration of historic-age buildings. They do not contribute to the overall feeling of a district. Therefore, Property 4A and 4B appear ineligible under City of Rialto Criteria 10.

Integrity Discussion

To be eligible for listing in the NRHP, CRHR, or for local designation, properties must retain their physical integrity from the period in which they gained significance. In the case of architecturally significant properties, the period of significance is normally the date of construction. For historically significant properties, the length of the historic associations usually measures the period of significance. *National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation* states that the integrity of a property is based upon the historical significance and character-defining features of that property, and that "only after significance is fully established can you proceed to the issue of integrity" (U.S. Department of the Interior 1997: 45). Property 4A and Property 4B were not found significant under any NRHP, CRHR, or local criteria, and do not have a period of significance. Therefore, their integrity does not require examination.

Summary of Findings

As a result of Dudek's archival research, field survey, record search, and property significance evaluations, Property 4A and Property 4B is recommended ineligible for the NRHP, CRHR, or as a designated City of Rialto historical resource due to a lack of significant historical associations and architectural merit. Therefore, Property 4A and Property 4B are not considered historical resources for the purposes of CEQA. The recommended status code is 6Z: Found ineligible for NR, CR or Local designation through survey evaluation.

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State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings_____
Review Code Reviewer Date

Page 1 **of** 14 ***Resource Name or #:** (Assigned by recorder) 213 W. Valley Boulevard
P1. Other Identifier: Property 5

*__P2.__ **Location:** ☐ **Not for Publication** ■ **Unrestricted**
- ***a. County** San Bernardino **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)
- **b. USGS 7.5' Quad** San Bernardino **Date** 2013 **T** 1S; **R** 5W; **of Sec** 23; San Bernardino **B.M.**
- c. Address 213 W. Valley Boulevard City Rialto Zip 92376
- d. UTM: (Give more than one for large and/or linear resources) Zone 11N, 465519 mE/ 3769999 mN
- e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, decimal degrees, etc., as appropriate)
  APN 0132-171-10 and 0132-171-13

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13 is a nondescript commercial building with no discernable style constructed circa 1978 per aerial photographs (NETR 2022; UCSB 2022). The property is simple with little ornamentation, clad in concrete brick. Property 5 is two-stories with a rectangular plan and a flat roof with a mansard parapet on the primary (north) elevation with red clay tiles. [See Continuation Sheet]

***P3b. Resource Attributes:** (List attributes and codes) HP6 1-3 story commercial building
***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Primary (north) and east elevations, view to the southwest (12/13/22)
***P6. Date Constructed/Age and Source:** ■ Historic ☐ Prehistoric ☐ Both ☐
c. 1978 (Building Permit; NETR 2022)
***P7. Owner and Address:**
Patriot Development Partners
12126 West Sunset Boulevard
Los Angeles, California 90094
***P8. Recorded by:** (Name, affiliation, and address)
Claire Cancilla, MSHP
Dudek, 38 N Marengo Avenue,
Pasadena, CA 91101
***P9. Date Recorded:** 12/13/2022
***P10. Survey Type:** (Describe)
Intensive
***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")
Dudek. 2022. Built Environment Inventory and Evaluation Report: Alice/Willow Avenue Warehouse Project, Rialto, California. Prepared January 2023.

***Attachments:** ☐NONE ■Location Map ■Continuation Sheet ■Building, Structure, and Object Record
☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) 213 W. Valley Boulevard ***NRHP Status Code** 6Z

B1. Historic Name: 213 W. Valley Boulevard
B2. Common Name: _
B3. Original Use: Commercial / truck service station B4. Present Use: Commercial / truck service station
***B5. Architectural Style:** Nondescript with no discernable architectural style
***B6. Construction History:** (Construction date, alterations, and date of alterations)

See **Continuation Sheet** for an alterations list based on archival research and on-site observation.

***B7. Moved?** ☒No ☐Yes ☐Unknown **Date:** _____ **Original Location:** _____
***B8. Related Features:**
N/A

B9a. Architect: None b. Builder: Unknown
***B10. Significance: Theme** Historic Development of the City of Rialto (1881-present) **Area** N/A
Period of Significance N/A **Property Type** Commercial building **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Significance summary

As a result of Dudek's extensive archival research, field survey, record search, and property significance evaluations, Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13) appears ineligible as a historical resource at the local, state, or federal level. Therefore, the subject property is not considered a historical resource for the purposes of CEQA. The recommended status code for all evaluated properties is 6Z: Found ineligible for NR, CR, or Local designation through survey evaluation. [**See Continuation Sheet**]

B11. Additional Resource Attributes: (List attributes and codes) N/A

***B12. References:**

See **Continuation Sheet** for full list of references.

B13. Remarks:

***B14. Evaluator:** Claire Cancilla, MSHP
***Date of Evaluation:** 1/20/2022

(This space reserved for official comments.)

(Sketch Map with north arrow required.)

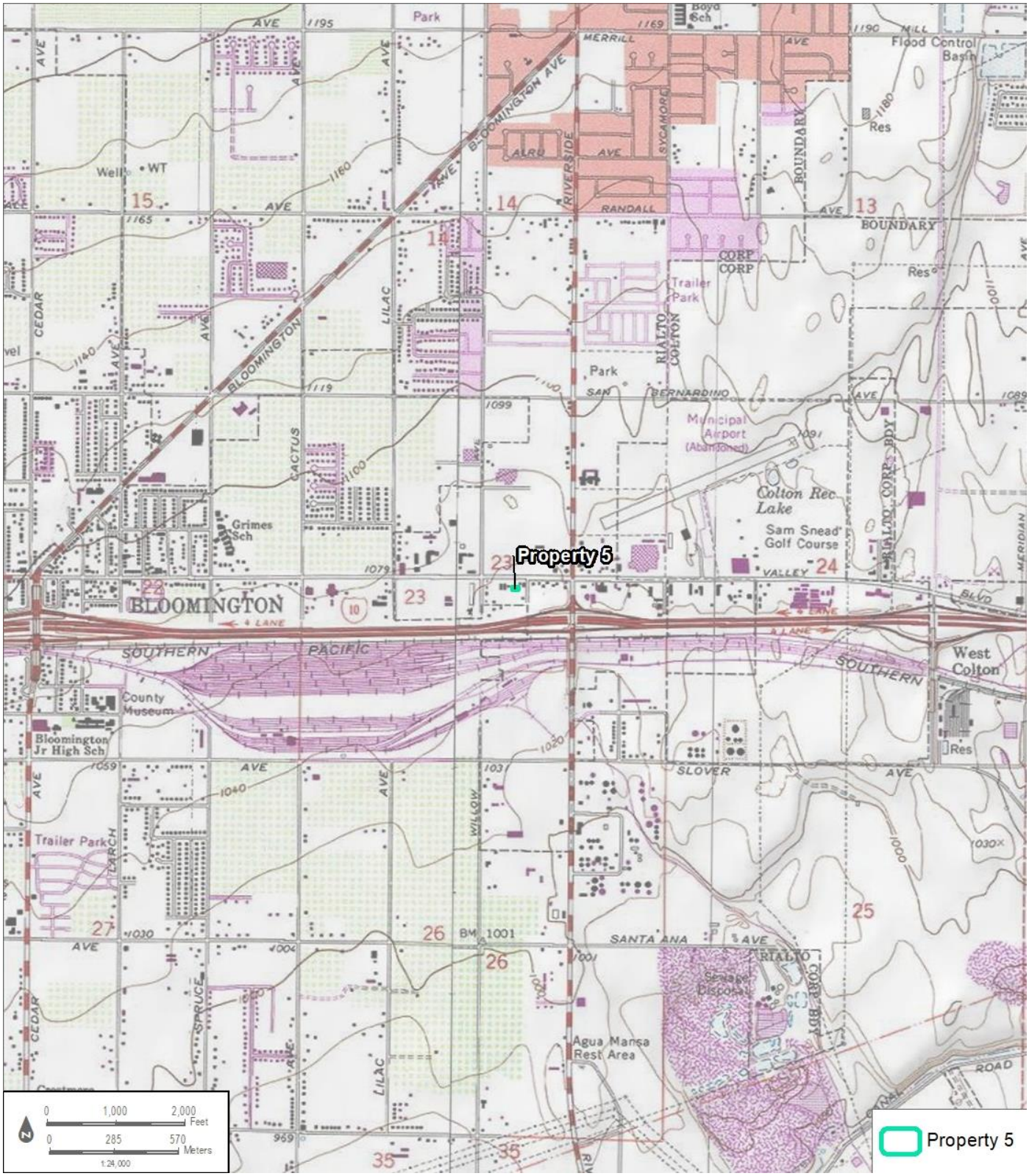


State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #
HRI#
Trinomial

Page 3 **of** 14 ***Resource Name or #** (Assigned by recorder) 213 W. Valley Boulevard / Property 5
***Map Name:** Rialto, CA ***Scale:** 1:24,000 ***Date of map:** 2013



***P3a. Description:**

The primary (north) elevation (Exhibit 1) features metal-framed sliding windows on the first and second floors, a pair of fully glazed entrance doors, and four storefront fixed windows at the northwest corner of the elevation; two storefront windows on the first floor and two windows on the second floor to match. The east elevation is blank and obscured from view by a brick wall. The west elevation is obscured from view by trees. The rear (south) elevation has at least three loading bays but is obscured from view by semi-trucks (Exhibit 2). Property 5 serves as a commercial property on the Project site and is located on a large, paved lot east of Property 1.

Exhibit 1. Oblique view showing the primary (north) and east elevations of Property 5. View to the southwest (Dudek IMG_1919)



Exhibit 2. Oblique view of the rear (south) and side (east) elevations view to the northwest (Dudek IMG_1923)



***B6. Construction History** *(continued from page 2):*

While the City of Rialto Building Division did return permits for the address 213 W. Valley Boulevard, these documents included electrical permits and change of occupancy and did not include building permits. Observation of Property 5 during the course of the intensive survey on December 13, 2022 did not identify any apparent alterations to Property 5.

***B10. Significance** *(continued from page 2):*

Historical Overview of the City of Rialto (1881-present)

In the 1880s, the expansion of the nation's railroad network facilitated travel westward. The small settlement of Hinkley (originally spelled Hinckley for an early setter's son), was founded in 1881 upon the arrival of the Southern Pacific Railroad (along the present-day path of CA SR 58). By 1883, the land that now makes up the City of Rialto was originally part of Rancho San Bernardino, which was established by the San Gabriel Mission in the early nineteenth century. The rancho encompassed much of present-day San Bernardino, Fontana, Rialto, Redlands, and Colton. After Mexico gained control of California, the missions were secularized, and what once was mission land was granted to private individuals. Jose del Carmen Lugo, a member of a wealthy family, petitioned Governor Alvarado for a grant of the San Bernardino Rancho, where his family had been farming and grazing (Beattie 1933). The land was granted to the Lugo family on June 21, 1842, who continued grazing livestock in the area and built several adobes.

By 1851, the Lugo family sold eight leagues of their rancho for $75,000 to Mormon settlers who were attempting to create a new colony of the Latter-Day Saints. The colonists gave rise to the City of San Bernardino, though the area encompassed parts of present-day Rialto as well. Although the colony boasted a high population and even created its own political institution separate from the City of Los Angeles, it was plagued by large debt, discontent among the settlers with the church, and a growing disdain by the public for Mormons, particularly after the Mormon Rebellion of the late 1850s (Lyman 1989; Masters 2015). Church leaders struggled to maintain religious fervor among many of the San Bernardino residents, and many settlers appeared to make the move to San Bernardino to facilitate their own separation from the church's strict policies (Lyman 1989). After the Mountain Meadows Massacre of 1857, during which Mormons settlers in Utah ambushed and murdered non-Mormon settlers, the Mormon colony of San Bernardino was completely alienated from non-Mormon communities of Southern California, and anti-Mormon hostility reached its peak. It was at this time that Brigham Young summoned the devout to return to Utah. In 1856, before the exodus of many Mormons, the area had 3,000 inhabitants, of which 84% were Mormon. However, 1,400 returned to Utah, while the remaining 1,600 decided to abandon the church and make a life for themselves in California. This return rate for the Mormon colony of San Bernardino was much lower than many other Mormon settlements outside of Utah, indicating the growing disillusionment and discontent that the San Bernardino residents felt with the church or their attachment to their settlement in San Bernardino (Adams 2004; Lyman 1989).

After the decline of the Mormon colony, the area developed slowly until 1887 when a new section of the Santa Fe Railroad was established through San Bernardino County. Like other parts of San Bernardino County, the construction of the railroad created a land speculation boom and a series of towns were established along the railroad's route. One such was Rialto, which was laid out by the Semi-Tropic Land and Water Development Company in 1887 at a cost of $670,000. While much of the early development efforts included brush clearing and town planning, a reliable water source was also a necessary component of the successful development of Rialto. To provide a reliable water source, the Semi-Tropic Land and Water Company built a concrete-lined canal that provided water from Lytle Creek Canyon to Riverside Avenue in Rialto. The Semi-

Tropic Land and Water Company was formed by a group of associates, including Sam Merrill, a successful businessperson and banker from Iowa who came to the area and settled in Rialto once it was developed. Merrill's residence was one of the numerous grand homes in the area and was constructed at a cost of $15,000. Merrill continued to live in Rialto and eventually there was a street named in his honor (Adams 2004).

In the early years, Rialto was a small town that was largely rooted in an agricultural economic system based largely on citrus orchards that were located on the outskirts of the downtown core of the City. The earliest Sanborn map of Rialto dates to 1892 and shows a small town laid out in a grid pattern with a small collection of houses spaced throughout town. The town also included the following: blacksmith shop, school, cement pipe yard, lumberyard, drug store, merchandise store, railroad depot, and offices for the Semi-Tropic Land and Water Company. The largest building in town was identified on the Sanborn Map as the Semi-Tropic Hotel located on Riverside Avenue (Sanborn 1892a, 1892b).

Growth and development of Rialto continued throughout the nineteenth century and into the twentieth century. By 1907, Rialto established a Chamber of Commerce to support the growing town and its businesses. The 1907 Sanborn map shows an increase in residential buildings throughout the town to support the growing population. In addition to residential development, more defined commercial development is indicated with new business types emerging along Riverside Avenue since 1892. New businesses included a bakery, livery, wagon shop, and barbershop. Other changes to the town seen on the 1907 Sanborn Map include the emergence of fruit packing houses that served to support the citrus industry that was prospering on the outskirts of the town (Sanborn 1907a, 1907b, 1907c). The growth and development continued over the next few years, and by the City's incorporation in 1911, there were 1,500 residents, 40 businesses, and a local newspaper (Adams 2004; City of Rialto 2016; Sanborn 1892a, 1892b, 1907a, 1907b, 1907c, 1911a, 1911b, 1911c, 1911d).

Rialto continued to grow throughout the 1910s with significant advances in transportation, including the transition of Foothill Boulevard to become part of the United States highway system as a section of Route 66 in 1913. Another advancement in transportation came the following year in 1914 when the San Bernardino Line of the Los Angeles Pacific Electric Railway was completed. However, disaster struck in the 1920s when a fire destroyed much of the downtown area (Adams 2004; City of Rialto 2016).

Like many other cities in California, World War II influenced Rialto's growth and development. During the war, a large ammunition dumpsite was put into operation in the City. Following the war, the ammunition dumpsite was taken over by a rocket-building subsidiary of B.F. Goodrich. Wartime and postwar industrial growth sparked the need for additional residential buildings to support workers and the general postwar population growth seen throughout Southern California. From the beginning of the 1950s to the end of the decade, the population of the City skyrocketed from 3,156 to 15,359. To manage this growth and development, residential subdivisions began to replace large agricultural parcels and citrus groves outside the downtown city core, and increased industrial and commercial development followed. The City continued to grow throughout the late twentieth century and continues to grow today with the most current population being reported at over 100,000 (City of Rialto 2016).

Property History

Property 5 is a single commercial building sitting on two parcels and was constructed in 1978 (San Bernardino County Assessor; San Bernardino County Sun 1978: 32). Property 5 was constructed in 1978 as a truck service station. Since its construction, Property 5 has served this function, primarily operating as HL Clements Trucking. Today, the property continues

to serve as an active truck service station.

Occupancy History

Table 1, below, lists the ownership history information available identified through research efforts from Property 5's circa 1978 construction to the present day. The original business operating out of Property 5 was H.L. Clemons Trucking. Additional information on the property's history and its various owners is provided in the "Notes" column of the below table. Research did not reveal that these owners or occupants are persons important to our past.

Table 1. Ownership / Occupancy for Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13)

Years	Owner/ Occupant	Name	Notes	Source
1978 - 2014	Owner	Harold and Gloria Clemons / Clemons Third Family LT / H.L Clemons Trucking	The LTD took over ownership beginning in 1992. The Clemons ran H.L. Clemons Trucking, a truck service business.	PIMS San Bernardino County Sun 1978: 32
2014 - 2019	Owner	Silvio and Djamila Arapovic	Research did not identify biographical or professional information.	PIMS
2019	Owner	Royal Anchor Group LLC	Research did not identify information on this LLC.	PIMS

Architect

There is no original building permit on file for Property 5 and additional research did not identify the name of the property's original architect or builder.

NRHP/CRHR Statement of Significance

Property 5: 213 W. Valley Boulevard (APN: 0132-171-10 and 0132-171-13) does not meet any of the criteria for listing in the NRHP or CRHR, either individually or as part of an existing historic district, as demonstrated below.

Criterion A/1: That are associated with events that have made a significant contribution to the broad patterns of our history.

Archival research of Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13) did not find any associations with events that have made a significant contribution to the broad patterns of history. Property 5 is a nondescript commercial building/truck repair station with no discernable architectural style constructed circa 1977. The area in which Property 5 sits began to be developed with light industrial and commercial properties beginning in the 1950s and continuing through the 1970s. This trend of development was part of a post-World War II population and development boom that occurred in communities throughout Southern California. From the start of the 1950s to the end of the decade, the population in Rialto grew from 3,156 to 15,359 (City of Rialto 2016). As a result of this population growth and associated development pressure,

the formerly agricultural nature of the area surrounding the Project site correspondingly changed in the postwar decades, including the eventual development of Property 5.

At the time of Property 5's construction, the Project site had already been developed with structures that appear to have primarily served automotive and trucking businesses. Property 5 was originally built to serve as a truck service station and was operated by H.L. Clemons Trucking for the majority of its history (1978-2013). While Property 5 is an example of increased post-World War II development that occurred in Rialto in the postwar decades, there is no indication that the construction of this specific property marked a pivotal point in the history of the neighborhood or city. It was neither the first nor the last of its type and was merely following a continuous pattern of light industrial and commercial development on West Valley Boulevard and around the I-10 that began in the 1950s and shifted the character of the area from primarily citrus type agriculture to light industrial and commercial. The property is not known to be directly associated with events that have made a significant contribution to the history of Rialto, California, or the United States and, therefore, Property 5 does not appear eligible under NRHP Criterion A or CRHR Criterion 1.

Criterion B/2: That are associated with the lives of persons significant in our past.

To be found eligible under Criterion B/2 the property has to be directly tied to an important person and the place where that individual conducted or produced the work for which he or she is known. Archival research did not identify any such direct association between individuals that are known to be historic figures at the national, state, or local level and Property 5. Property 5 was constructed circa 1977 as a commercial building/truck repair stop. For the majority of its history, Property 5 housed H.L Clemons Trucking (1978-2013), which was operated by Harold and Gloria Clemons. While automotive and trucking services are important industries, research did not indicate that any of the businesses associated with Property 5 were particularly innovative or notable.

Research did not uncover additional information that these or other listed owners of the property were important to the past. Due to a lack of identified significant associations with important persons in history, Property 5 does not appear eligible under NRHP Criterion B or CRHR Criterion 2.

Criterion C/3: That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.

Property 5 is a nondescript commercial building with no discernable architectural style built circa 1977. The property does not embody distinctive characteristics of a type, period or method of construction. It is a typical example of a late 1970s nondescript commercial building. There is nothing notable or unique about its design; it does not possess the distinctive characteristics of any particular style and is executed with common materials. Property 5 appears to have been constructed through already well-documented and common construction techniques and methods and does not appear to possess high artistic values by articulating a particular concept of design to the extent that it expresses an aesthetic ideal. Property 5 is also not a rare example of its type; there are similar commercial buildings from this time period throughout Rialto, Southern California, and the United States. Archival research did not identify an architect, designer, or builder of Property 5. As it is a common typology and lacks distinctive characteristics, it is unlikely that it was the work of a master architect or builder.

The last component of Criterion C, representing a significant and distinguishable entity whose components may lack individual

distinction, is the most applicable to districts. Property 5 does not appear likely to contribute to a potential historic district. Therefore, Property 5 does not appear eligible under NRHP Criterion C or CRHR Criterion 3.

Criterion D/4: That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D was not considered in the evaluation, because it generally applies to archeological resources. Property 5 is not significant under Criterion D of the NRHP or Criterion 4 of the CRHR as a source, or likely source, of important historical information nor do they appear likely to yield important information about historic construction methods, materials or technologies.

City of Rialto Statement of Significance

Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13) does not meet any of the eligibility criteria for listing as a designated historical resource by the City of Rialto as demonstrated below.

1. *It has character, interest or value as part of the development, heritage, or cultural characteristics of the city, state of California or the United States.*

   Property 5 is a nondescript commercial truck service station with no discernable architectural style constructed circa 1978. As discussed in NRHP/CRHR Criteria A/1, Property 1 does not appear to have character, interest, or value as part of the development, heritage, or cultural characteristics of the City of Rialto, California, or the United States. Therefore, Property 5 appears ineligible under City of Rialto Criteria 1.

2. *It is the site of a documented historic event.*

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any documented historic events occurring at Property 5. Therefore, Property 5 appears ineligible under City of Rialto Criteria 2.

3. *It is strongly identified with a person or persons who significantly contributed to the culture, history or development of the city.*

   As discussed in NRHP/CRHR Criteria A/1 and NRHP/CRHR Criteria B/2, archival research did not identify any strong identification between Property 5 and any person or persons who significantly contributed to the culture, history, or development of Rialto. Therefore, Property 5 appears ineligible under City of Rialto Criteria 3.

4. *It is one of the few remaining examples in the city possessing distinguishing characteristics of an architectural type or specimen.*

   Property 5 does not represent one of the few remaining examples in the city, region, state, or nation possessing distinctive characteristics of an architectural type of specimen. Property 5 is a nondescript commercial truck service station with no discernable architectural style constructed circa 1978. There are many similar buildings in Rialto, San Bernardino County, California, and the nation. Therefore, Property 5 appears ineligible under City of Rialto Criteria 4.

5. It is notable work of an architect or master builder.

As discussed in NRHP/CRHR Criteria C/1, Property 5 is a commercial truck service station with no discernable architectural style. Archival research did not identify a builder or architect associated with the design of Property 5. As such, Property 5 is not a notable work of an architect or master builder, nor is it a notable architectural type of specimen. There are many similar warehouses in Rialto, California, and the nation. Therefore, Property 5 appears ineligible under City of Rialto Criteria 5.

6. It embodies elements of architectural design, detail, materials or craftsmanship.

As discussed in NRHP/CRHR Criteria C/3, Property 5 does not embody elements of architectural design detail, materials, or craftsmanship, It is a nondescript commercial truck service station with no discernable architectural style and is constructed of common materials using already well-documented common construction techniques. Therefore, Property 5 appears ineligible under City of Rialto Criteria 6.

7. It has a unique location or singular physical characteristics representing an established and familiar visual feature in the city.

Property 5 is not in a unique location nor does it have singular physical characteristics representing an established and familiar visual feature in the City of Rialto. Therefore, Property 5 appears ineligible under City of Rialto Criteria 7.

8. It has unique design or detailing.

As discussed under NRHP/CRHR Criteria C/2, Property 5 is a nondescript commercial truck service station with no discernable style. It does not have a unique design or detailing and there are many similar warehouses throughout Rialto, California, and the United States. Therefore, Property 5 appears ineligible under City of Rialto Criteria 8.

9. It is a particularly good example of a period or style.

As discussed under NRHP/CRHR Criteria C/2, Property 5 is a nondescript truck service station with no discernable style. It is not a particularly good example of a period or style. Therefore, Property 5 appears ineligible under City of Rialto Criteria 9.

10. It is located within a historic district, contributes to the overall feeling of the district, and which individually may lack significance.

Property 5 is not located within an existing historic district, nor is it located in an area with a concentration of historic-age buildings. It does not contribute to the overall feeling of a district. Therefore, Property 5 appears ineligible under City of Rialto Criteria 10.

Integrity Discussion

To be eligible for listing in the NRHP, CRHR, or for local designation, properties must retain their physical integrity from the period in which they gained significance. In the case of architecturally significant properties, the period of significance is

normally the date of construction. For historically significant properties, the length of the historic associations usually measures the period of significance. *National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation* states that the integrity of a property is based upon the historical significance and character-defining features of that property, and that "only after significance is fully established can you proceed to the issue of integrity" (U.S. Department of the Interior 1997: 45). Property 5 was not found significant under any NRHP, CRHR, or local criteria, and do not have a period of significance. Therefore, its integrity does not require examination.

Summary of Findings

As a result of Dudek's archival research, field survey, record search, and property significance evaluations, Property 5 is recommended ineligible for the NRHP, CRHR, or as a designated City of Rialto historical resource due to a lack of significant historical associations and architectural merit. Therefore, Property 5 is not considered a historical resource for the purposes of CEQA. The recommended status code is 6Z: Found ineligible for NR, CR or Local designation through survey evaluation.

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Appendix C-2

Archaeological Resources Assessment

DUDEK
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PASADENA, CALIFORNIA 91101
T 626.204.9800 F 626.204.9834

January 20, 2023 14856

Kevin Rice
Patriot Development Partners
12126 W. Sunset Boulevard
Los Angeles, California 90049

Subject: **Archaeological Resources Assessment for the Alice and Willow Avenue Warehouse Project, City of Rialto, San Bernardino County, California**

Dear Kevin Rice:

Patriot Development Partners retained Dudek to provide an Archaeological Resources Assessment for the proposed Alice and Willow Avenue Warehouse Project (Project), located in the City of Rialto, San Bernardino County, California. The purpose of this report is to assist Patriot Development Partners in its evaluation of potential impacts to archaeological resources associated with the construction and operation of the Project. This letter report includes the following components: 1) an environmental setting including a review of soils; 2) a California Historical Resources Information System (CHRIS) records search; 3) a review of historical maps and aerial photographs; 4) results of the archaeological pedestrian survey; 5) an analysis of the sensitivity of the Project site to contain archaeological resources; and 6) management recommendations. This letter report was prepared in conformance with California Environmental Quality Act (CEQA) Guidelines Section 15064.5 for historical resources and 21083.2 for archaeological resources. The City of Rialto (City) is the lead agency responsible for compliance with CEQA.

Project Location

The Project is located in the central part of the City of Rialto in the southwestern portion of San Bernardino County. The Project site is mapped within public land survey system Section 23 of Township 1 South, Range 5 West on the *San Bernardino South,* California 7.5-minute United States Geological Survey (USGS) Quadrangle (Attachment A: Figure 1). The Project site is bounded to the north by West Valley Boulevard, to the east by South Alice Avenue and the Rialto Channel, to the south by Interstate (I) 10, and to the west by South Willow Avenue. The approximately 6.19-gross-acre Project site is composed of eleven (11) parcels (Assessor's Parcel Numbers [APNs] 0254-111-01, 0132-171-01, 0132-171-02, 0132-171-03, 0132-171-04, 0132-171-05, 0132-171-06, 0132-171-08, 0132-171-09, 0132-171-10, 0132-171-13, and 0132-171-14). Included within the Project site are five (5) properties with the following addresses: Property 1: 253 W. Valley Boulevard (APN 0132-171-05); Property 2: 285 S. Willow Street (APN 0132-171-03); Property 3: No associated address (APN 0132-171-01); Property 4A and 4B: 1743 S. Willow Avenue (APN 0254-111-01); and Property 5: 213 W. Valley Boulevard (APNs 0132-171-10 and 0132-171-13) (Attachment A: Figure 2).

Project Description

The Project would involve demolition of the existing onsite buildings and asphalt associated with commercial and industrial uses to allow for construction of an approximately 136,200 square foot (gross area, inclusive of office/mezzanine space) one-story industrial warehouse on the Project site. The building would be composed of approximately 130,200 square feet of warehouse space and 6,000 square feet of mezzanine and office space. The Project would also include approximately 62,174 square feet of landscaping, 91 passenger-vehicle parking spaces, and 14 high dock door parking stalls. The Project would not contain any cold storage space.

Current Project design indicates that the maximum depths of ground disturbance across the Project is 5 feet below the existing ground surface and up to 8 feet below existing ground surface for underground utilities.

On- and Off-Site Improvements

A variety of trees, shrubs, and groundcovers would be planted within the Project frontage's landscape setback area, within the landscape areas found around the warehouse building, and throughout the Project site. Fencing would be provided along the Project perimeter with automated gates at proposed driveways. The Project would also include frontage improvements along South Willow Avenue, West Valley Boulevard, and South Alice Avenue, including curb & gutter, sidewalk and parkway landscaping, right-of-way widening. and an offset cul-de-sac at the end of South Willow Avenue and South Alice Avenue.

Site Access and Parking

Access to the Project site would be provided by two driveways: one driveway on the western portion of the site on South Willow Avenue, and one driveway on the eastern portion of the site on South Alice Avenue. Automated gates at each driveway would include a pre-emption device installed for both directions of travel with a Knox key switch override.

The Project would include a total of 91 passenger parking stalls and 14 high dock door parking stalls.

Utility Improvements

The Project site is currently served by domestic water, sanitary sewer, electrical, natural gas, and telecommunication service. The Project would connect to the existing facilities located on and in the immediate vicinity of the Project site.

Storm Drainage

The Project proposes an internal storm drain system to collect runoff and route drainage into on-site basins on the southern portion of the Project site. Flows would generally be conveyed from the north to the south, ultimately entering an underground infiltration system along the southern edge on the Project site, north of I-10. The overflow from the underground infiltration system, which has the capacity to contain flows from 100-year storm events, would be allowed to overflow to a proposed parkway culvert onto Alice Avenue.

Environmental Setting

The Project site is within California's Transverse Range geomorphic province, which is a prominent natural region that extends east from Point Conception in Santa Barbara County to the San Bernardino Mountains (California Geological Survey 2002). More specifically, the Project site lays within the San Bernardino Valley in southwest San Bernardino County. This vast alluvial fan is bordered to the north by the San Gabriel Mountains and San Bernardino Mountains, to the east by the San Jacinto Mountains, and to the south by the Temescal Mountains and Santa Ana Mountains. Locally, the Project site is west of two major water courses: the Santa Ana River (approximately 2-miles east) and Lytle Creek Wash (approximately 3.5-miles northeast). The Project site is 2.5-miles northeast of the Jurupa Mountains and 2.3-miles southwest of the Rialto Bench, a long, relatively narrow bluff adjacent to Lytle Creek. Numerous prehistoric sites and resources documented to be of specific Native American origin are located along these topographical features. The City of Rialto General Plan designated these areas as "high sensitivity for prehistoric resources" (City of Rialto 2010). The natural vegetation within the Project vicinity prior to European colonization would have consisted of annual and perennial herbs, such as various species of sand verbena, thorn mint, and yarrow, as well as annual grasses, shrubs, and trees such as goldenhead, maple, broom, and fir (Calflora, 2022). The Project site is relatively flat with an average elevation of approximately 1,057 feet above mean sea level sloping gently to the southeast (Google 2023).

Under existing conditions, the Project site is located in a predominantly urbanized area of the City consisting of light industrial and commercial buildings. The Project site contains six buildings (Properties 1 through 5) associated with a truck driving school, diesel repair operation, and consignment shop. As such, the majority of the Project site is covered either by asphalt pavement or compacted dirt. Adjacent to the Project site are two concrete lined flood control channels. The Rialto Channel, which connects to the Santa Ana River approximately 2 miles downstream, traverses the eastern border of the Project site, and an unnamed channel runs along the southern perimeter. The Union Pacific railroad and rail depot is located approximately 0.15 miles south of the Project site.

Review of Soils

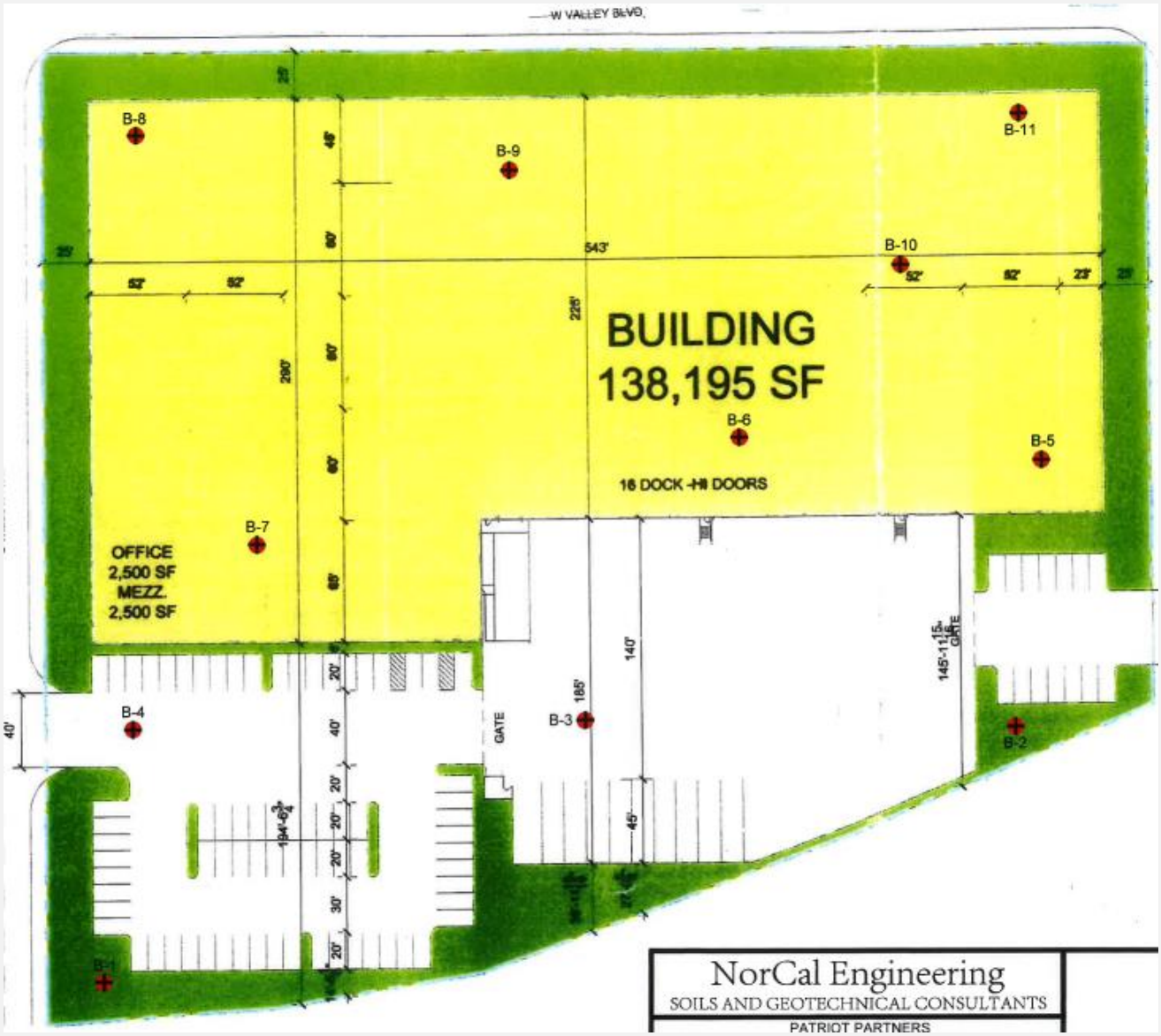
According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey (USDA 2022a), soils within the Project site are comprised primarily of Tujunga loamy sand with 0 to 9 percent slopes (85 percent) and minor components including Soboba (5 percent), Delhi (5 percent), and Unnamed (5 percent). The Tujunga series is characterized as very deep, somewhat excessively drained soils that formed in alluvium from granitic sources. This soils series is found on alluvial fans and floodplains, including urban areas, and consists of slopes ranging from 0 to 12 percent. A typical Tujunga series pedon extends approximately 6.5 feet below ground surface (bgs) (USDA 2022b).

A review of the USGS mineral resources (USGS 2022) online spatial data for geology indicates that existing development is underlain by Quaternary alluvium and marine deposits, generally dating between the Pleistocene and the Holocene geologic age. Terminal Pleistocene-era and Holocene-era alluvial formations do have the potential to support the presence of buried archaeological resources. These soils are associated with the period of prehistoric human use and represent ongoing processes of development that have the potential to preserve cultural material in context.

Geotechnical Report Review

NorCal Engineering prepared the geotechnical report *Geotechnical Engineering Investigation, Proposed Industrial Warehouse Development, SEC Valley Boulevard and Willow Avenue, Rialto, California* (2022), to evaluate the subsurface conditions of the Project site prior to construction. The report provides the results of eleven (11) subsurface exploratory borings (B-1 through B-11) dispersed evenly throughout the Project site (Exhibit 1). A truck mounted hollow stem auger and hand operated auger were used during the subsurface exploratory borings. The subsurface exploratory borings were terminated at depths ranging between 5 feet and 20.5 feet bgs.

Exhibit 1. Subsurface Exploratory Boring Locations (NorCal Engineering 2022)



Results of the subsurface exploratory borings revealed relatively uniform soil characteristics throughout the Project site. Subsurface investigations encountered two soils: fill and natural. Fill soil was encountered across the site to depths ranging from 1 foot to 2.5 feet bgs. Fill soils were characterized as brown, fine to coarse grained silty sand with gravel, rock, and occasional cobble. Underlying fill soils was natural undisturbed alluvium characterized as brown to light brown, fine to coarse grained silty sand with gravel, rock, and occasional cobbles that increase in size and quantity with depth. Groundwater was not encountered during the subsurface investigation. Table 1 below provides a summary of the individual subsurface exploratory borings.

Table 1. Summary of Subsurface Exploratory Borings – NorCal Engineering 2022

Boring Number	Asphaltic Concrete	Fill Soils (bgs)	Native Alluvium (bgs)
B-1	4.5 inch over 3 inch base	7.5 inch–**1.5 feet**	1.5 feet–**5 feet***
B-2	2.5 inch over 8 inch base	10.5 inch–**2 feet**	2 feet–**10 feet***
B-3	3.5 inch over 3.5 inch base	7 inch–**2 feet**	2 feet–**10 feet***
B-4	3.5 inch over 8 inch base	11.5 inch–**1.25 feet**	1.25 feet–**5 feet***
B-5	3.5 inch, no base	3.5 inch–**2 feet**	2 feet–**10 feet***
B-6	None	0 inch–**2 feet**	2 feet–**5 feet***
B-7	None	0 inch–**1.5 feet**	1.5 feet–**10 feet***
B-8	None	0 inch–**1 foot**	1 foot–**5 feet***
B-9	3 inch pulverized asphalt	3 inch–**2 feet**	2 feet–**10 feet***
B-10	3.5 inch, no base	3.5 inch–**2.5 feet**	2.5 feet–**20.5 feet***
B-11	None	0 inch–**2 feet**	2 feet–**5 feet***

*Denotes terminated depth of subsurface exploratory boring and not a change in soil designation

Regulatory Context

Work for this Project was conducted in compliance with the California Environmental Quality Act (CEQA). The regulatory framework as it pertains to cultural resources under CEQA is detailed below.

Under the provisions of CEQA, including the CEQA Statutes (PRC Sections 21083.2 and 21084.1), the CEQA Guidelines (14 CCR 15064.5), and California Public Resources Code (PRC) Section 5024.1 (14 CCR 4850 et seq.), properties expected to be directly or indirectly affected by a proposed project must be evaluated for California Register of Historical Resources (CRHR) eligibility (PRC Section 5024.1).

The purpose of the CRHR is to maintain listings of the state's historical resources and to indicate which properties are to be protected, to the extent prudent and feasible, from material impairment and substantial adverse change. The term historical resources includes a resource listed in or determined to be eligible for listing in the CRHR; a resource included in a local register of historical resources; and any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant (14 CCR 15064.5[a]). The criteria for listing properties in the CRHR were developed in accordance with previously established criteria developed for listing in the National Register of Historic Places. The California Office of Historic Preservation regards "any physical evidence of human activities over 45 years old" as meriting recordation and evaluation (OHP 1995:2).

State

The California Register of Historical Resources

A cultural resource is considered "historically significant" under CEQA if the resource meets one or more of the criteria for listing on the CRHR. The CRHR was designed to be used by state and local agencies, private groups, and citizens to identify existing cultural resources within the state and to indicate which of those resources should be protected, to the extent prudent and feasible, from substantial adverse change. The following criteria have been established for the CRHR. A resource is considered significant if it:

1. is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
2. is associated with the lives of persons important in our past;
3. embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or
4. has yielded, or may be likely to yield, information important in prehistory or history.

In addition to meeting one or more of the above criteria, historical resources eligible for listing in the CRHR must retain enough of their historic character or appearance to be able to convey the reasons for their significance. Such integrity is evaluated in regard to the retention of location, design, setting, materials, workmanship, feeling, and association.

Under CEQA, if an archeological site is not a historical resource but meets the definition of a "unique archeological resource" as defined in PRC Section 21083.2, then it should be treated in accordance with the provisions of that section. A unique archaeological resource is defined as follows:

- An archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:
    - Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information
    - Has a special and particular quality, such as being the oldest of its type or the best available example of its type
    - Is directly associated with a scientifically recognized important prehistoric or historic event or person

Resources that neither meet any of these criteria for listing in the CRHR nor qualify as a "unique archaeological resource" under CEQA (PRC Section 21083.2) are viewed as not significant. Under CEQA, "A non-unique

archaeological resource need be given no further consideration, other than the simple recording of its existence by the lead agency if it so elects" (PRC Section 21083.2[h]).

Impacts that adversely alter the significance of a resource listed in or eligible for listing in the CRHR are considered a significant effect on the environment. Impacts to historical resources from a proposed project are thus considered significant if the project (1) physically destroys or damages all or part of a resource; (2) changes the character of the use of the resource or physical feature within the setting of the resource, which contributes to its significance; or (3) introduces visual, atmospheric, or audible elements that diminish the integrity of significant features of the resource.

California Environmental Quality Act

As described further, the following CEQA statutes (PRC Section 21000 et seq.) and CEQA Guidelines (14 CCR 15000 et seq.) are of relevance to the analysis of archaeological, historic, and tribal cultural resources:

- PRC Section 21083.2(g) defines "unique archaeological resource."
- PRC Section 21084.1 and CEQA Guidelines Section 15064.5(a) defines "historical resources." In addition, CEQA Guidelines Section 15064.5(b) defines the phrase "substantial adverse change in the significance of an historical resource"; it also defines the circumstances when a project would materially impair the significance of a historical resource.
- PRC Section 21074(a) defines "tribal cultural resources."
- PRC Section 5097.98 and CEQA Guidelines Section 15064.5(e) set forth standards and steps to be employed following the accidental discovery of human remains in any location other than a dedicated ceremony.
- PRC Sections 21083.2(b) and 21083.2(c) and CEQA Guidelines Section 15126.4 provide information regarding the mitigation framework for archaeological and historic resources, including examples of preservation-in-place mitigation measures. Preservation in place is the preferred manner of mitigating impacts to significant archaeological sites because it maintains the relationship between artifacts and the archaeological context and may also help avoid conflict with religious or cultural values of groups associated with the archaeological site(s).

More specifically, under CEQA, a project may have a significant effect on the environment if it may cause "a substantial adverse change in the significance of an historical resource" (PRC Section 21084.1; CEQA Guidelines Section 15064.5(b)). If a site is listed or eligible for listing in the CRHR, or included in a local register of historic resources, or identified as significant in a historical resources survey (meeting the requirements of PRC Section 5024.1(q)), it is an "historical resource" and is presumed to be historically or culturally significant for purposes of CEQA (PRC Section 21084.1; CEQA Guidelines Section 15064.5(a)). The lead agency is not precluded from determining that a resource is a historical resource even if it does not fall within this presumption (PRC Section 21084.1; CEQA Guidelines Section 15064.5(a)).

A "substantial adverse change in the significance of an historical resource" reflecting a significant effect under CEQA means "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired" (CEQA Guidelines Section 15064.5(b)(1); PRC Section 5020.1(q)). In turn, the significance of a historical resource is materially impaired when a project does any of the following:

(1) Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register; or

(2) Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to Section 5020.1(k) of the PRC or its identification in an historical resources survey meeting the requirements of Section 5024.1(g) of the PRC, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or

(3) Demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its eligibility for inclusion in the California Register as determined by a lead agency for purposes of CEQA (CEQA Guidelines Section 15064.5(b)(2)).

Pursuant to these sections, the CEQA inquiry begins with evaluating whether a project site contains any "historical resources," then evaluates whether that project will cause a substantial adverse change in the significance of a historical resource such that the resource's historical significance is materially impaired.

If it can be demonstrated that a project will cause damage to a unique archaeological resource, the lead agency may require reasonable efforts be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. To the extent that they cannot be left undisturbed, mitigation measures are required (PRC Sections 21083.2(a)–(c)).

Section 21083.2(g) defines a unique archaeological resource as an archaeological artifact, object, or site about which it can be clearly demonstrated that without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

(1) Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information.

(2) Has a special and particular quality such as being the oldest of its type or the best available example of its type.

(3) Is directly associated with a scientifically recognized important prehistoric or historic event or person (PRC Section 21083.2(g)).

Impacts on nonunique archaeological resources are generally not considered a significant environmental impact (PRC Section 21083.2(a); CEQA Guidelines Section 15064.5(c)(4)). However, if a nonunique archaeological resource qualifies as a tribal cultural resource (TCR) (PRC Sections 21074(c) and 21083.2(h)), further consideration of significant impacts is required.

CEQA Guidelines Section 15064.5 assigns special importance to human remains and specifies procedures to be used when Native American remains are discovered. As described below, these procedures are detailed in PRC Section 5097.98.

California State Assembly Bill 52

Assembly Bill (AB) 52 of 2014 amended PRC Section 5097.94 and added PRC Sections 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2, and 21084.3. AB 52 established that TCRs must be considered under

CEQA and also provided for additional Native American consultation requirements for the lead agency. Section 21074 describes a TCR as a site, feature, place, cultural landscape, sacred place, or object that is considered of cultural value to a California Native American Tribe and that is either:

- On or determined to be eligible for the California Register of Historical Resources or a local historic register; or
- A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Section 5024.1.

AB 52 formalizes the lead agency–tribal consultation process, requiring the lead agency to initiate consultation with California Native American groups that are traditionally and culturally affiliated with the project site, including tribes that may not be federally recognized. Lead agencies are required to begin consultation prior to the release of a negative declaration, mitigated negative declaration, or environmental impact report.

Section 1 (a)(9) of AB 52 establishes that "a substantial adverse change to a tribal cultural resource has a significant effect on the environment." Effects on TCRs should be considered under CEQA. Section 6 of AB 52 adds Section 21080.3.2 to the PRC, which states that parties may propose mitigation measures "capable of avoiding or substantially lessening potential significant impacts to a tribal cultural resource or alternatives that would avoid significant impacts to a tribal cultural resource." Further, if a California Native American tribe requests consultation regarding project alternatives, mitigation measures, or significant effects to tribal cultural resources, the consultation shall include those topics (PRC Section 21080.3.2[a]). The environmental document and the mitigation monitoring and reporting program (where applicable) shall include any mitigation measures that are adopted (PRC Section 21082.3[a]).

California Health and Safety Code Section 7050.5

California law protects Native American burials, skeletal remains, and associated grave goods, regardless of their antiquity, and provides for the sensitive treatment and disposition of those remains. California Health and Safety Code Section 7050.5 requires that if human remains are discovered in any place other than a dedicated cemetery, no further disturbance or excavation of the site or nearby area reasonably suspected to contain human remains shall occur until the county coroner has examined the remains (Section 7050.5(b)). PRC Section 5097.98 also outlines the process to be followed in the event that remains are discovered. If the coroner determines or has reason to believe the remains are those of a Native American, the coroner must contact NAHC within 24 hours (Section 7050.5(c)). NAHC will notify the "most likely descendant." With the permission of the landowner, the most likely descendant may inspect the site of discovery. The inspection must be completed within 48 hours of notification of the most likely descendant by NAHC. The most likely descendant may recommend means of treating or disposing of, with appropriate dignity, the human remains, and items associated with Native Americans.

Local

City of Rialto General Plan

The City of Rialto has outlined goals and policies pertaining to the protection of historical and archaeological resources in its General Plan, adopted by the City in December 2010. The applicable goals and policies are reproduced below (City of Rialto 2010).

Historical Resources

Goal 7-1: Preserve Rialto's significant historical resources as a source of community identity, stability, aesthetic character, and social value.

Policy 7-1.1: Protect the architectural, historical, agricultural, open space, environmental, and archaeological resources in Rialto.

Policy 7-1.2: Identify, through appropriate research and surveys, the historical resources in Rialto through documentation and photography.

Policy 7-1.3: Explore and evaluate different approaches to protect and enhance historical resources throughout the community.

Policy 7-1.4: Encourage economically feasible preservation of historical structures through adaptive reuse.

Goal 7-2: Provide public understanding and involvement of the unique heritage of the City of Rialto.

Policy 7-2.1: Heighten the community awareness of Rialto's history and the City's physical development, and educate the public to the significance of historical areas, sites, and structures and the social events associated with them.

Policy 7-2.2: Establish, promote, and enhance a Rialto history collection centered on the archaeological, historic archaeological and historical texts, archives, and collections of value to Rialto.

Archaeological Resources

Goal 7-3: Identify, document, and protect significant archaeological resources in Rialto.

Policy 7-3.1: Require archaeological surveys during the development review process for all projects in archaeologically sensitive areas where no previous surveys are recorded.

Policy 7-3.2: Actively pursue a comprehensive survey program to identify, document, and protect prehistoric and historical archaeological sites and sites containing Native American human remains.

Policy 7-3.3: Avoid impacts to potentially significant prehistoric and historical archaeological resources and sites containing Native American human remains consistent with State law.

Policy 7-3.4: Reduce adverse impacts to significant archaeological resources that can not be protected in place through data recovery excavations.

BACKGROUND RESEARCH

CHRIS Records Search

On November 22, 2022, Dudek conducted a search of the CHRIS at the South Central Coastal Information Center (SCCIC), located at the California State University, Fullerton. The records search included previously recorded cultural resources and investigations conducted within a 0.5-mile radius of the Project site. The CHRIS search also included a review of the National Register of Historic Places (NRHP), the CRHR, the California Points of Historical Interest list, the California Historical Landmarks list, the Archaeological Determinations of Eligibility list, and the California State Historic Resources Inventory list. Dudek reviewed the SCCIC records to determine whether the implementation of the Project would have the potential to impact known and unknown cultural resources. Confidential Attachment B provides the complete records search results.

Previously Conducted Cultural Resources Studies

Results of the CHRIS records search indicate that fourteen (14) previous cultural resources studies have been conducted within 0.5-mile of the Project site. These studies were conducted between 1984 and 2008. Of these investigations, one (1) study, SB-01772, overlaps the Project site. Results of SB-01772 are discussed in the following paragraph. Table 2, below, provides reference information for all 14 previous cultural resources studies within 0.5-mile of the Project site.

SB-01772

Environmental Impact Evaluation: An Archaeological Assessment of the Rialto Gateway Project, San Bernardino County, California (Hallaran and Swope 1988), documents the results of a cultural resources assessment within the boundaries of the City's proposed Gateway Specific Plan area. The purpose of the Gateway Specific Plan was to provide mixed-use land development within approximately 350 acres of the City. The current Project site is included within the southern portion of the Plan area and comprises approximately two percent of the total Plan area.

Planning consultants retained the Archaeological Research Unit (ARU), University of California, Riverside, to determine to what extent cultural resources within the Plan area would be affected by the proposed development. The cultural resources assessment included a review of the California Archaeological Inventory, archaeological, ethnographic, and historical literature pertinent to the study area, and a pedestrian survey of undeveloped portions within the Plan area. The records search identified one (1) previously recorded cultural resource within the Plan area which consists of a north/south trending dirt road that traverses the eastern portion of the Plan area (resource designation P1074-61-H). No previously recorded prehistoric resources or resources of Native American origin were identified within the Plan area as a result of the records search. The pedestrian survey focused on undeveloped land within the Plan area and a visual check of historic-period structures identified on historic maps. Given that the current Project site was developed during these 1988 survey efforts, it is assumed that the current Project site was not included in this pedestrian survey. No significant cultural resources were discovered in the Plan area as a result of the pedestrian survey. Historic-period structures identified on historic maps were either razed or identified as lacking significant historical value. Additionally, there was no evidence of the previously recorded historic road

P1074-61-H. ARU determined that no further cultural resources investigations were required prior to implementation of the Specific Plan. ARU recommended that a qualified archaeologist be contacted should development result in the unanticipated discovery of cultural resources.

Table 2. Previously Conducted Cultural Resources Studies Within 0.5-Mile of the Project Site

SCCIC Report Number	Authors	Year	Title	Proximity to Project Site
SB-01468	Hammond, Stephen R.	1984	Negative Archaeological Survey Report: Colton/San Bernardino Maintenance Station, City of Rialto, San Bernardino County	Outside
SB-01558	Bixler, David	1986	Archaeological Site Survey: West Valley Redevelopment Project in the City Of Colton	Outside
SB-01635	Bixler, David	1987	Archeological Surface Survey: Colton Dune Site	Outside
SB-01772	Hallaran, Kevin B. and Karen K. Swope	1988	Environmental Impact Evaluation: An Archaeological Assessment of The Rialto Gateway Project, San Bernardino County, California	Overlaps
SB-02853	Foster, John M., James J. Schmidt, Carmen A. Weber, Gwendolyn R. Romani, and Roberta S. Greenwood	1991	Cultural Resources Investigation: Inland Feeder Project, MWD of Southern CA	Outside
SB-03586	Love, Bruce	2000	Ontario to Colton Pipeline, San Bernardino County, CA	Outside
SB-03603	Love, Bruce	1998	Installation of Water Pipes Along I-10 Between Colton and Fontana	Outside
SB-03931	Dahdul, Miriam	2002	Historical/Archaeological Resources Survey Report: Rialto Channel Improvement Project (Phase 3) in the City of Rialto, San Bernardino County, CA	Outside
SB-04234	Earle, David D.	2004	Ethnohistorical & Ethnographic Overview & Cultural Affiliation Study of the Fort Irwin Region & Central Mojave Desert	Outside
SB-04261	Mckenna, Jeanette A.	2004	A Phase I Cultural Resources Investigation of the Colton Joint Unified School District Middle School No. 5 in the City of Rialto, San Bernardino County, CA	Outside
SB-04634	Tibbett, Casey	2004	Historical/Archaeological Resources Survey Report: WalMart Supercenter Project, City of Rialto, San Bernardino County, California	Outside

Table 2. Previously Conducted Cultural Resources Studies Within 0.5-Mile of the Project Site

SCCIC Report Number	Authors	Year	Title	Proximity to Project Site
SB-05628	Bonner, Wayne H. and Marnie Aslin-Kay	2007	Cultural Resources Records Search Results and Site Visit for T-Mobile Telecommunications Facility Candidate IE 04845C (Space Place Storage), 220 West Valley Boulevard, Rialto, San Bernardino County, California	Outside
SB-06089	Bholat, Sara and Evelyn N. Chandler	2008	Cultural Resources Survey of a Temporary Ethanol Transload Facility in the City of Rialto, San Bernardino County, California	Outside
SB-06516	Ashkar, Shahira	1999	Cultural Resources Inventory Report for Williams Communications, Inc., Proposed Fiber Optic System Installation Project, Los Angeles to Riverside, Los Angeles, Riverside and San Bernardino Counties	Outside

Previously Recorded Cultural Resources

The CHRIS records indicate that no previously recorded cultural resources exist within or adjacent to the Project site. Four (4) resources have been recorded within the surrounding 0.5-mile records search area. The identified cultural resources include one (1) prehistoric archaeological site (P-36-001579/CA-SBR-1579); (1) historic-period archaeological site (P-36-006868/CA-SBR-6868H); and two (2) historic-period built environment resources (P-36-021603/CA-SBR-10330H and P-36-010330). The two (2) historic-period built environment resources include the Union Pacific Railroad (P-36-021603/CA-SBR-10330H) and a complex of industrial storage tanks (P-36-021603) built between 1955 and 1966. Neither of these resources are considered CRHR historical resources. The archaeological sites are discussed in the following paragraphs. Table 3, below, provides further details on the previously recorded cultural resources within the records search area.

P-36-001579/CA-SBR-1579

Smith recorded prehistoric site P-36-001579/CA-SBR-1579 in 1963. The site consists of a collection of projectile points and lithic flakes identified within a disturbed context. According to Smith, the artifacts were recovered in a road “blow out” (1963). Information within the site record is scant and limited to a brief discussion with a local informant regarding additional artifacts recovered in the area. Smith states the site is along a channel of Lytle Creek, and that he has found evidence of prehistoric Native American campsites along the banks of Lytle Creek from “Rialto to Santa Ana River” (1963). P-36-001579/CA-SBR-1579 has not been evaluated for listing on the CRHR or the NRHP

P-36-006868/CA-SBR-6868H

Schmidt et al. (1990) recorded P-36-001579/CA-SBR-1579 as a large diffuse scatter of historic-period artifacts identified within an undeveloped lot. Artifacts were described as highly fragmented and evenly distributed throughout the entirety of the lot through prior disking activities. The rectangular lot measures 125 meters (410 feet) by 150 meters (492 feet) and consists of vacant agricultural land. Artifacts consisted of domestic and building material refuse including the following: various colors of glass vessels and tableware fragments including temporally diagnostic sun-colored amethyst; glass windowpane; several types of diagnostic ceramic tableware fragments; ceramic sewer pipe; metal silverware with maker's marks; large mammal bone (*Bos* sp.); and shell (*Ostrea* sp., *Mytilus* sp. *Chione* sp., and *Tivela* sp.). Modern refuse was tilled with the cultural material. P-36-001579/CA-SBR-1579 has not been evaluated for listing on the CRHR or the NRHP.

Table 3. Previously Recorded Cultural Resources Within a 0.5-Mile Radius of the Project Site

Designation	Resource Description	Recording Events	NRHP/CRHR Status	Approximate Proximity to Project Site
P-36-001579 CA-SBR-1579	Prehistoric archaeological site: collection of projectile points and lithic flakes	1963 (Smith, G.)	7R: Identified in Survey; Not evaluated	497 meters (1631 feet) southeast
P-36-006868 CA-SBR-6868H	Historic-period archaeological site: scatter of domestic refuse and building material	1990 (Schmidt et al.)	7R: Identified in Survey; Not evaluated	804 meters (2638 feet) northwest
P-36-010330 CA-SBR-10330H	Built environment: Union Pacific Railroad	1999 (Ashkar, S.); 2002 (Goodwin, R.) 2008 (Harper, C.D.); 2010 (Tibbet, C.); 2012 (Paul, Daniel D.)	6Y: Determined ineligible for NRHP by consensus through Section 106 process	95 meters (312 feet) south
P-36-021603	Built environment: storage tanks	2008 (Hollins, J.)	6Z: Found ineligible for NRHP, CRHR or Local designation through survey evaluation	855 meters (2805 feet) southeast

Review of Historical Maps and Aerial Photographs

Dudek consulted historical topographic maps and aerial photographs through the Nationwide Environmental Title Research, LLC (NETR) to better understand any natural or human-made changes to the Project site and surrounding area over time.

Historical Topographic Maps

Topographic maps depict elevation of the study area as well as the areas surrounding it and illustrate the location of roads and some buildings. Although topographic maps are not comprehensive, they are another tool in determining whether a study area has been disturbed and at times to what approximate depth. A review of available topographic maps was conducted and includes the following years: 1896, 1898, 1901, 1905, 1909, 1913, 1926, 1929, 1938, 1943, 1946, 1955, 1959, 1963, 1965, 1969, 1974, 1977, 1981, 2012, 2015, and 2018 (NETR 2022a). Table 4, below, summarizes the results of the topographic maps review of the proposed Project site and surrounding properties for all available years

Table 4. Historical Topographic Map Review of the Project Site

Photograph Year	Observations and Findings
1896-1938	The Project site is within a vacant block of the developing City grid. The Southern Pacific Railroad is to the south.
1943-1946	The topographical relief has been enhanced on this map such that the Project site is shown adjacent to a vast drainage from Lytle Creek. The Ocean to Ocean Highway, present day Valley Boulevard, is depicted as a primary highway, running east to west, along the northern border of the Project site. Willow Street, present day Willow Avenue, borders the Project site to the west. There are no structures depicted within the Project site.
1955	Highway 70/99 is depicted between the Project site and railroad. Valley Boulevard is now a light duty, hard, or improved road, and is no longer a primary highway. There are seven structures within the Project site, clustered mostly in the north half.
1959-1965	There are no significant changes to the Project site as depicted on these maps
1969	The Project site appears to have been divided by a municipal boundary, east to west, in the southern half of the Project site. There are three (3) structures south of the dividing line, and nine (9) structures north of the dividing line: two long, possibly warehouse, structures mid-site, with a square structure to the east. There is a cluster of three (3) structures in the northeast corner. The other three (3) structures are spread out: one (1) along the east side, and (2) to the west. South Alice Avenue is evident, though yet unnamed. What had been Highway 70/99 has been expanded, and is now the San Bernardino Freeway/I-10.
1974	There are no significant changes to the Project site.
1981	Three new structures are depicted along the west side of the Project site.
2012-2018	An apparent drainage that likely represents the Rialto Channel is adjacent to the eastern border of the Project site. The maps during these years no longer plot buildings, though buildings and structures are still extant on the Project site. .

While topographic maps are informative, they do not illustrate the minute changes that can occur to a landscape overtime and at times, are inconsistent with what is depicted year to year. Most often, structures depicted in topographical maps are limited to those with community or social significance (e.g., Firehouses or Hospitals), including additions or changes to roads and/or waterways. Nonetheless, the information gathered contributes to the understanding of the chronological development of a study area.

Historical Aerial Photographs

A review of historical aerial photographs was conducted as part of the archival research effort from the following years: 1938, 1949, 1959, 1966, 1967,1968, 1980, 1984, 1985, 1994, 1995, 2002, 2005, 2009, 2010, 2012, 2014, 2016, 2018, and 2020 (NETR 2022b). Through careful comparative review of historical aerials, changes to the landscape of a study area may be revealed. Disturbance to the study area is specifically important as it helps determine if soils within the study area are capable of sustaining intact archaeological deposits. Additionally, historical aerials have the potential to reveal whether a study area was subjected to alluvial deposits by way of flooding, debris flows or mudslides, as well as placement of artificial or foreign fill soils that may have buried intact archaeological deposits. Table 5, below, summarizes the results of the aerial photograph review of the Project site and surrounding properties for all available years.

Table 5. Historical Aerial Photograph Review of the Project Site

Photograph Year	Observations and Findings
1938	The area surrounding the Project site is largely agricultural, developed with small residential farms and orchards, within a well-defined grid-system. The Project site is a large, open field that appears to be bound by ditches to the north and east, South Riverside Avenue (contemporary name) to the west, and a well-defined two-lane road to the south. A natural slough meanders (generally northwest/southeast) and skirts the east boundary of the Project site. The Union Pacific railroad is located south of the Project site, connecting the agricultural area to regional markets.
1948	The Project area has retained a rural setting and appears to still be one large parcel. A building (non-extant) has been constructed along the Project site's western boundary and three (non-extant) ancillary buildings are scattered behind (east) of the residence. Informal dirt roads connect the properties. The road south of the subject property has been expanded and widened.
1959	Suburban growth has continued, but the Project site's setting continues to be largely agricultural. The parcels on which Properties 2 and 3 sit have been developed with at least 9 (non-extant) buildings. The parcels all appear to show some evidence of grading. The Project site's southeast corner has been rounded by the expansion of I-10. The natural slough has been channelized and Alice Avenue now binds the Project site's east edge.
1966	There are more new structures in the north half of the Project site, including what appears to be a large shed or warehouse in the central north area. There is another long, rectangular structure immediately to its west side, and square structure to its east. A line of young trees is visible between the Project Area and I-10. Property 1 is extant. The structure in the southwest corner of the proposed Project site appears to have been remodeled or replaced.
1967	Valley Boulevard (contemporary name) bordering the north of the Project site has been improved and widened.
1968	At this time, the Project site is more visibly associated with the vehicular and trucking businesses. There is visible vehicular debris and what appears to be a figure-8-shaped track at the east side of the Project site.
1978	There have been significant changes to the Project area or the nature of the surrounding area. A building has been removed from the parcel on which Property 1 sits. Property 2 Property 3, and Property 5 are extant by this time,

Table 5. Historical Aerial Photograph Review of the Project Site

Photograph Year	Observations and Findings
1980	There have been significant changes to the Project site. By this time, the entirety of the Project site has been subject to ground disturbing activities. A building has been removed from the parcel on which Property 1 sits. Property 2, Property 3, and Property 5 are extant by this time. A line of mature trees continues to line the south border of Property 4A and 4B's parcel. It also appears that the other buildings located on Property 2's parcel have been demolished.
1984	All areas of the Project site have been subject to earth moving activities and grading.
1985	All ancillary buildings have been removed from the Project site. Most of the trees have been removed from the southern boundary of Property 4A and 4B's lot which has been reshaped and is no longer a rectangular property. The southern boundary now curves and meets the northeast corner at point.
1986-2020	There are minimal significant changes to the Project site during these years aside from the apparent demolition of the structure in the northeast corner of the Project site by 2012.

Historical Account of the Project Site

Dudek prepared a Built Environment Inventory and Evaluation Report (Cancilla et al. 2023) for the current Project that includes a detailed historical account of the five individual properties occupying the Project site (Attachment A: Figure 2). For purposes of this report, historical accounts demonstrate how land use and associated ground disturbance have altered the landscape. According to Cancilla et al. (2023), the Project site was agricultural until the mid-twentieth century, at which time it was subdivided into individual parcels. Provided below is a summary of development within each property as documented by Cancilla et al. (2023).

- **Property 1: 253 West Valley Boulevard (APN 0132-171-05)** Property 1 is a warehouse located at the northern central boundary of the Project site. Property 1 was constructed circa 1964 and has served as a warehouse for a variety of businesses primarily related to trucking repair and storage. At the time of its construction, Property 1 was one of approximately three structures on its parcel. These buildings likely served as offices for the various businesses. Per aerial photographs, these other structures were no longer extant by 1980 (NETR 2022)
- **Property 2: 285 South Willow Avenue (APN 0132-171-03)** Property 2 is an office building constructed between 1968-1977 (UCSB 2022). The property appears to have originally been constructed as an office for Caudill's Auto Service, which opened in the 1960s and was originally comprised of approximately 10 buildings. Only one other building from this complex, Property 3, is still extant. Per aerial photographs, the majority of these structures were demolished by 1980 (NETR 2022; UCSB 2022).
- **Property 3: No associated address (APN 0132-171-01)** Property 3 is a warehouse and garage originally constructed circa 1968 per aerial photographs (NETR 2022; UCSB 2022). At the time of Property 3's construction, the parcel on which it sits had been improved with approximately 10 structures (none of which are extant in 2022).
- **Property 4A and 4B: 1743 South Willow Avenue (APN 0254-111-01)** Property 4A is an office building and property 4B is a warehouse and garage. Aerial photographs indicate that Property 4A was extant by 1953

and property 4B was under construction by 1953 (UCSB 2022). Today, Property 4A and Property 4B serve the trucking service, repair, and driving school that operate from the Project site.

- **Property 5: 213 West Valley Boulevard (APN 0132-171-10; 0132-171-13)** Property 5 is a commercial building sitting on two parcels. The subject property was constructed in 1978 as a truck service station. Property 5 has served this same function since its construction.

1938 Kirkman-Harriman Historical Map

Dudek cultural resources specialists reviewed sources commonly identified though Tribal consultation, notably the 1938 Kirkman-Harriman Historical Map (Attachment A: Figure 3). Based on this map, the Project site is approximately 9 miles southwest of the San Bernardino Mountains and approximately 1 mile northeast of the Jurupa Hills. Roadways mapped in close proximity to the Project site include the "Old Salt Road", also identified as "Camino para Sal[1]", approximately 1.2 miles to the north and a Mission Road mapped approximately 3.5 miles to the south. Waterways mapped in the vicinity of the Project site include the confluence of Lytle Creek Wash and Cajon Wash approximately 6.5 miles to the north. The historical route of the Santa Ana River is mapped approximately 6.3 miles east and 7.1 miles south of the Project site. Roughly 7 miles to the northeast of the Project site is a location symbolized with a flag and labeled "Cp. San. Bdno. San Bernardino (1850)[2]". Well outside the Project footprint but within the general surrounding vicinity are two (2) unnamed Native American villages. The villages are mapped approximately 5.3 miles southeast and approximately 5.7 miles south of the Project site.

None of the features identified on the 1860-1938 Kirkman-Harriman Historical Map intersects, overlaps, or is in the immediate vicinity of the Project site. Furthermore, no archaeological evidence of the nearest villages on the Kirkman-Harriman Historical map was provided in the CHRIS records search results or review of other archaeological information. This is likely because the nearest mapped villages are located approximately 5-miles from the Project site, a distance that is outside the Project's records search radius.

It should be noted that this map is highly generalized due to scale and age and may be somewhat inaccurate with regards to distance and location of mapped features. Additionally, this map was prepared based on review of historic documents and notes more than 100 years following secularization of the missions (in 1833). Although the map contains no specific primary references, it matches with the details documented by the Portolá expedition (circa 1769–1770). The map is a valuable representation of post-colonization mission history; however, it is limited to a specific period of Native American history and substantiation of the specific location and uses of the represented individual features should be verified by archaeological records and/or other primary documentation.

Native American Coordination

Assembly Bill 52

The Project is subject to compliance with AB 52 (PRC 21074), which requires consideration of impacts to TCRs as part of the CEQA process, and that the lead agency notify California Native American Tribal representatives that have requested notification who are traditionally or culturally affiliated with the geographic area of the Project site.

[1] Mapped Point 9: Old Salt Road (Camino para Sal) "traversed once a year, [until] 1833, by armed caravan sent for year's supply of salt by Los Angeles, to salt beds at Salton" (Latker 2011).
[2] Mapped Point 34: "Camp San Bernardino, near San Bernardino, on three sites during Civil War" (Latker 2011).

All records of correspondence related to AB 52 notification and any subsequent consultation are on file with the City. A summary of the consultation record is provided and addressed in the Initial Study/Mitigated Negative Declaration document for the Project.

Field Survey

Methods

Dudek conducted an archaeological pedestrian survey of the Project site on December 22, 2022. Based on the existing Project site conditions, survey techniques were adjusted in accordance with the various levels of development and observable ground surface. An opportunistic survey approach was employed where visibility was obscured by either asphalt, extant buildings or structures, staged miscellaneous items, landscaping, or vegetation coverage. An intensive-level survey, which entailed walking parallel transects spaced no more than 10 meters apart (approximately 32 feet), was conducted in areas of available ground surface. The ground surface was inspected for prehistoric artifacts (e.g., flaked stone tools, tool-making debris, groundstone tools, ceramics, fire-affected rock), soil discoloration that might indicate the presence of a cultural midden, soil depressions, features indicative of structures and/or buildings (e.g., standing exterior walls, post holes, foundations), and historical artifacts (e.g., metal, glass, ceramics, building materials). Ground disturbances such as burrows, graded areas and bases of trees and bushes were also visually inspected for exposed subsurface materials.

All fieldwork was documented using field notes and an Apple Generation 6 iPad (iPad) equipped with ESRI Collector and Avenza PDF Maps software with close-scale georeferenced field maps of the Project site. Location-specific photographs were taken using the iPad's 8-mega-pixel resolution camera. All field notes, photographs, and records related to the current study are on file at Dudek's Pasadena, California office. All field practices met the Secretary of Interior's standards and guidelines for a cultural resources inventory.

Results

The Project site is comprised of eleven (11) parcels totaling approximately 6.19-gross acres of commercially developed land. The Project site is almost entirely covered in hardscape with the exception of the parkways along South Willow Avenue and South Alice Avenue and garden beds surrounding a few of the extant buildings (Exhibit 2; Exhibit 3; Exhibit 4; Exhibit 5). Given the extent of hardscape throughout the Project site, Dudek estimates that approximately 10 percent of the Project site was surveyed for archaeological resources. Table 5, below, outlines the archaeological survey limitations and results within each parcel. Areas that contained observable exposed ground surface showed heavily disturbed fill soils. Remains of a concrete slab foundation from a single-family residence was identified in the northeast corner of the Project site within APN 0132-171-14 (Exhibit 6). The property occupied the parcel from 1948 through the early 2000s when it was eventually demolished (NETR 2022b; ParcelQuest 2022). No further cultural resources considerations are required for this resource as it has been destroyed. No additional historic-period cultural material or material of Native American origin was identified during the survey.

Table 6. Results of the Archaeological Pedestrian Survey of the Project Site

APN(s)	Limitation	Findings
0132-171-01 0132-171-02 0132-171-03 0132-171-04 0132-171-05 0132-171-09	These parcels comprise the northwest quadrant of the Project site. Hardscape in this area consists of compacted fill, pulverized asphalt, and gravel that covers approximately 95 percent of the ground surface (Exhibit 2).	Approximately 5 percent of this area contained exposed ground surface suitable for a visual inspection. A small portion of exposed ground surface was observed along the western border of the Project site. Soils in this area consisted of highly disturbed alluvium and/or fill material. No cultural material was identified.
0132-171-08 0132-171-10 0132-171-13	These parcels comprise the northeast quadrant of the Project site. Hardscape in this area consists of asphalt pavement that covers approximately 100 percent of the ground surface (Exhibit 3).	Dudek did not conduct an archaeological pedestrian survey of these parcels given the lack of available exposed ground surface.
0254-111-01	This parcel comprises the southern portion of the Project site. Asphalt pavement covers the entire parcel except for a small garden bed surrounding Property 4A (Exhibit 4).	Soil within the garden bed consisted of non-native fill and/or gardening soil. No cultural material was identified. The remainder of this parcel was not surveyed due to the lack of available exposed ground surface.
0132-171-14	This parcel comprises the northeast corner of the Project site. There were no limitations in this area (Exhibit 5).	100 percent of this parcel was surveyed for archaeological resources. Observable ground surface consisted of heavily disturbed alluvium with evidence of prior grading and earth shaping activities. A portion of the parcel is currently used for informal parking. A square concrete slab foundation measuring 23 feet by 23 feet is within the northern half of the parcel. Archival research indicates that this foundation is from a single-family residence built in 1948 (ParcelQuest 2022). The property was razed circa 2000 (NETR 2022a)

Exhibit 2. Northwest quadrant of Project site showing various hardscapes unsuitable for archaeological survey; view facing west (Dudek IMG_1897)



Exhibit 3. Northwest quadrant of Project site showing lack of exposed ground surface; view facing southwest (Dudek IMG_1919)



Exhibit 4. Southern portion of Project site showing lack of exposed ground surface; view facing west (Dudek IMG_1823)



Exhibit 5. APN 0132-171-14 showing foundation remnants from 1948 single-family property; view facing southwest (Dudek IMG_2617)



Sensitivity Analysis

A search of the CHRIS database for the Project site and 0.5-mile records search area resulted in the identification of one (1) previously conducted investigation that overlaps the Project site (SB-01772). However, the Project site was not included in the pedestrian survey conducted for the investigation, suggesting that the Project site has not been subject to any previous archaeological investigations. As a result of this, no previously recorded archaeological resources were identified within the Project site during the CHRIS records search. Two (2) archaeological resources were identified within the 0.5-mile records search area, however. These resources consist of a prehistoric lithic scatter (P-36-001579/CA-SBR-1579) and a historic-period refuse scatter (P-36-001579/CA-SBR-1579).

According to the aerial photographs review, the proposed Project site has been subjected to consistent ground disturbance, shifting from undeveloped land in 1938 with the unchanneled wash to the east that overlapped the northeast corner of the Project site, and transforming steadily to include the development and removal of buildings/structures between the late 1940s to the early 2010s.

A review of the geotechnical report prepared for the Project site determined that fills soils were identified from surface to between 1 and 2.5 feet bgs within all exploratory boring locations (NorCal Engineering 2022). Current Project design indicates that the depths of ground disturbance across the Project site is 5 feet below the existing ground surface and up to 8 feet below the existing ground surface for underground utilities, suggesting that excavations will occur within native soils.

Results of the geotechnical study indicate that the Project site is predominately covered in asphalt and fill soils (NorCal Engineering 2022). As such, any exposed soils observed during the archaeological pedestrian survey were likely fill soils from an unknown origin. These soils do not represent the native soils present prior to ground disturbing activities associated with past development. Thus, the current surface expression of observable ground surface is considered an unreliable indicator of the cultural sensitivity of the Project site.

In consideration of all these factors, the potential to encounter intact cultural deposits containing archaeological and tribal cultural resources within soils from the current grade to approximately 2.5 feet bgs is unlikely. However, the potential for intact cultural deposits to exist within native soils (below 1 foot to 2.5 feet bgs) to the depths of proposed ground disturbance is unknown. Given that a historical wash was in close proximity to and/or overlapped the Project site, there is a potential for the Project site to be buried in alluvial and flood deposits. Additionally, both prehistoric and historic-period archaeological sites were previously recorded within the vicinity of the Project site. As such, the Project site is considered moderately sensitive for the potential to encounter buried archaeological resources.

In the event that unanticipated archaeological resources are encountered during Project implementation, impacts to these resources could be significant. As such, the following management recommendations are provided to ensure that impacts to unanticipated archaeological resources and human remains would be treated properly resulting in a less than significant impact.

Management Recommendations

Although the Project site has been disturbed over time as a result of development, it is possible that unknown intact archaeological resources could be encountered subsurface during ground disturbing activities within native soils. The following measures have been developed to ensure that any inadvertent discovery of archaeological resources will be treated appropriately and in accordance with CEQA regulations: preconstruction training, retention of an on-call archaeologist to address inadvertent discoveries, and inadvertent discovery clause implemented and included on all construction plans. Dudek further recommends monitoring be conducted during ground disturbing activities to approximately 2.5 feet below current grade and an additional survey be conducted once fill soils have been removed. If cultural materials are observed during the course of ground disturbing activities below fill soils, then subsurface testing may be required. These measures will ensure the potential Project impacts to archaeological resources and human remains would be less than significant.

Inadvertent Discovery of Archaeological Resources

All construction personnel and monitors who are not trained archaeologists shall be briefed regarding inadvertent discoveries prior to the start of construction activities. A basic presentation and handout or pamphlet shall be prepared in order to ensure proper identification and treatment of inadvertent discoveries. The purpose of the Workers Environmental Awareness Program (WEAP) training is to provide specific details on the kinds of archaeological materials that may be identified during construction of the Project and explain the importance of and legal basis for the protection of significant archaeological resources. Each worker shall also learn the proper procedures to follow in the event that cultural resources or human remains are uncovered during ground-disturbing activities. These procedures include work curtailment or redirection, and the immediate contact of the site supervisor and archaeological monitor.

A qualified archaeologist shall be retained and on-call to respond and address any inadvertent discoveries identified for the duration of construction activities. Additionally, in consideration of the potential to encounter intact cultural deposits beneath fill soils, the qualified archaeologist shall monitor ground disturbing activities between 12-18 inches below current grade and shall survey the proposed Project site once fill soils have been removed to ensure no cultural deposits underly the fill layer. A qualified archaeological principal investigator, meeting the Secretary of the Interior's Professional Qualification Standards, should oversee and adjust monitoring efforts as needed (increase, decrease, or discontinue monitoring frequency) based on the observed potential for construction activities to encounter cultural deposits or material. The archaeological monitor will be responsible for maintaining daily monitoring logs.

In the event that archaeological resources (sites, features, or artifacts) are exposed during construction activities for the Project, all construction work occurring within 100 feet of the find shall immediately stop and a qualified archaeologist is notified immediately to assess the significance of the find and determine whether or not additional study is warranted. Depending upon the significance of the find, the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work such as preparation of an archaeological treatment plan, testing, data recovery, or monitoring may be warranted.

Within 60 days following completion of ground disturbance, an archaeological monitoring report shall be prepared and submitted to the City for review. This report should document compliance with approved mitigation, document

the monitoring efforts, and include an appendix with daily monitoring logs. The final report shall be submitted to the SCCIC.

Inadvertent Discovery of Human Remains

In accordance with Section 7050.5 of the California Health and Safety Code, if human remains are found, the county coroner shall be immediately notified of the discovery. No further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains shall occur until the county coroner has determined the appropriate treatment and disposition of the human remains. If the county coroner determines that the remains are, or are believed to be, Native American, he or she shall follow all required protocols according to California Public Resources Code, Section 5097.98.

Should you have any questions relating to this report and its findings, please do not hesitate to contact me directly at lkry@dudek.com or Heather McDaniel McDevitt at hmcdevitt@dudek.com.

Sincerely,

Linda Kry, BA, RA
Archaeologist
DUDEK

Heather McDaniel McDevitt, MA, RPA
Archaeologist
DUDEK

Att: *Attachment A: Figures*
Attachment B: (Confidential) CHRIS Records Search Results

cc: *Adriane Gusick, Jennifer De Alba, Kristen Stoner, Dudek*

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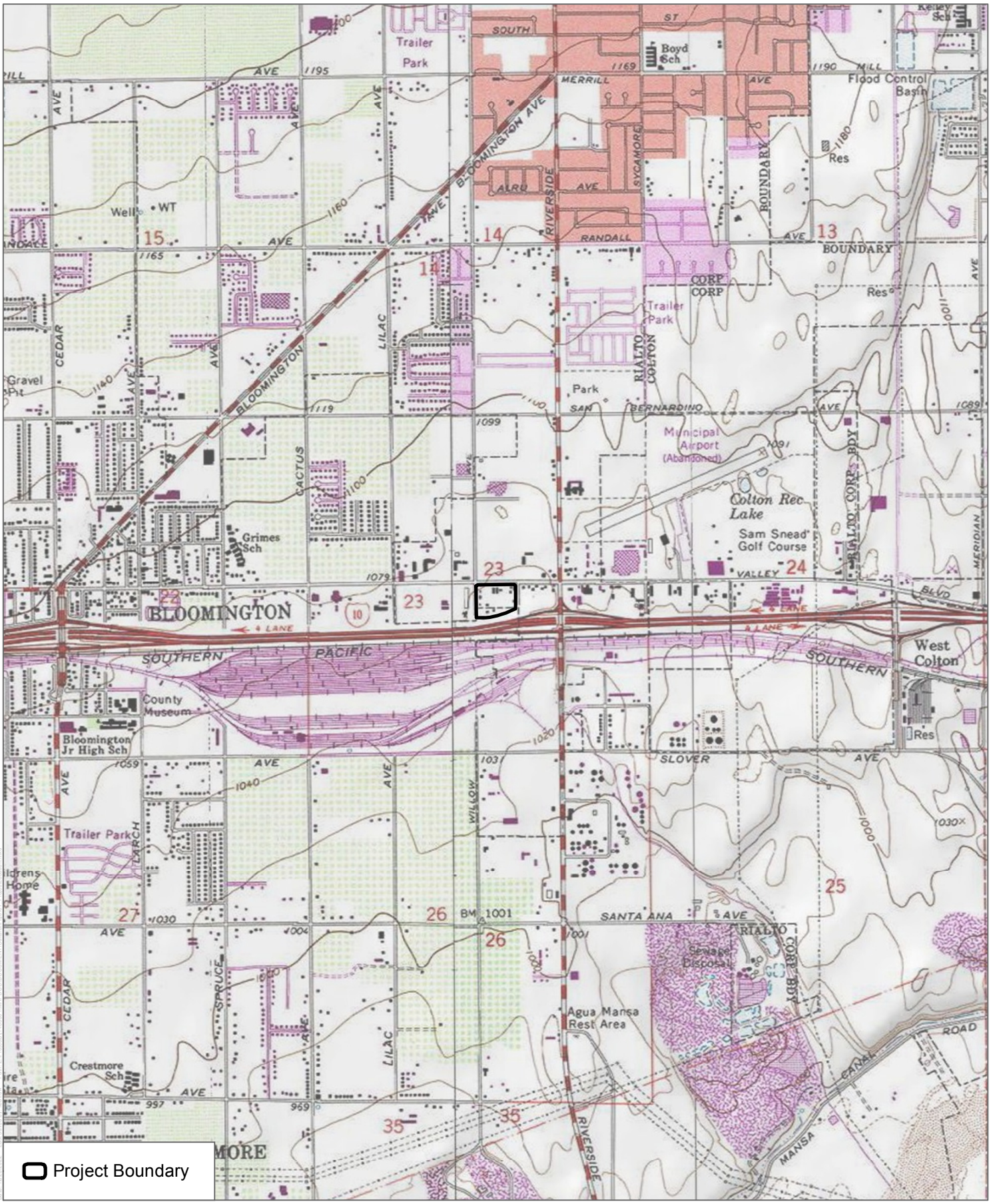
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Attachment A

Figures



SOURCE: USGS 7.5-Minute Series San Bernardino South Quadrangles
Township 1S; Range 5W; Sections 23

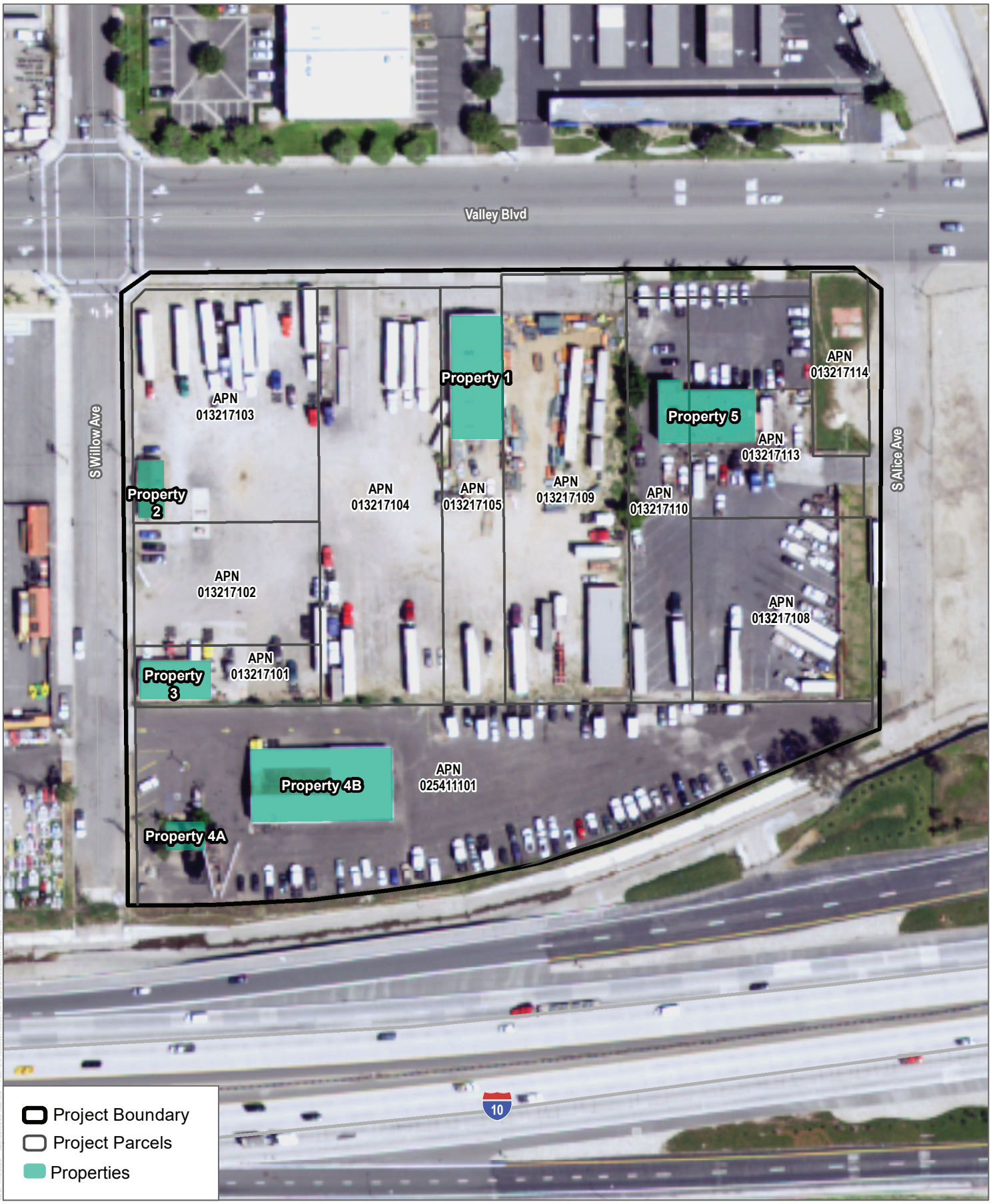
DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1

Project Location

Alice and Willow Avenue Warehouse Project



SOURCE: NAIP 2020, Open Street Maps 2019, San Bernardino South Quadrangles
Township 1S; Range 5W; Sections 23

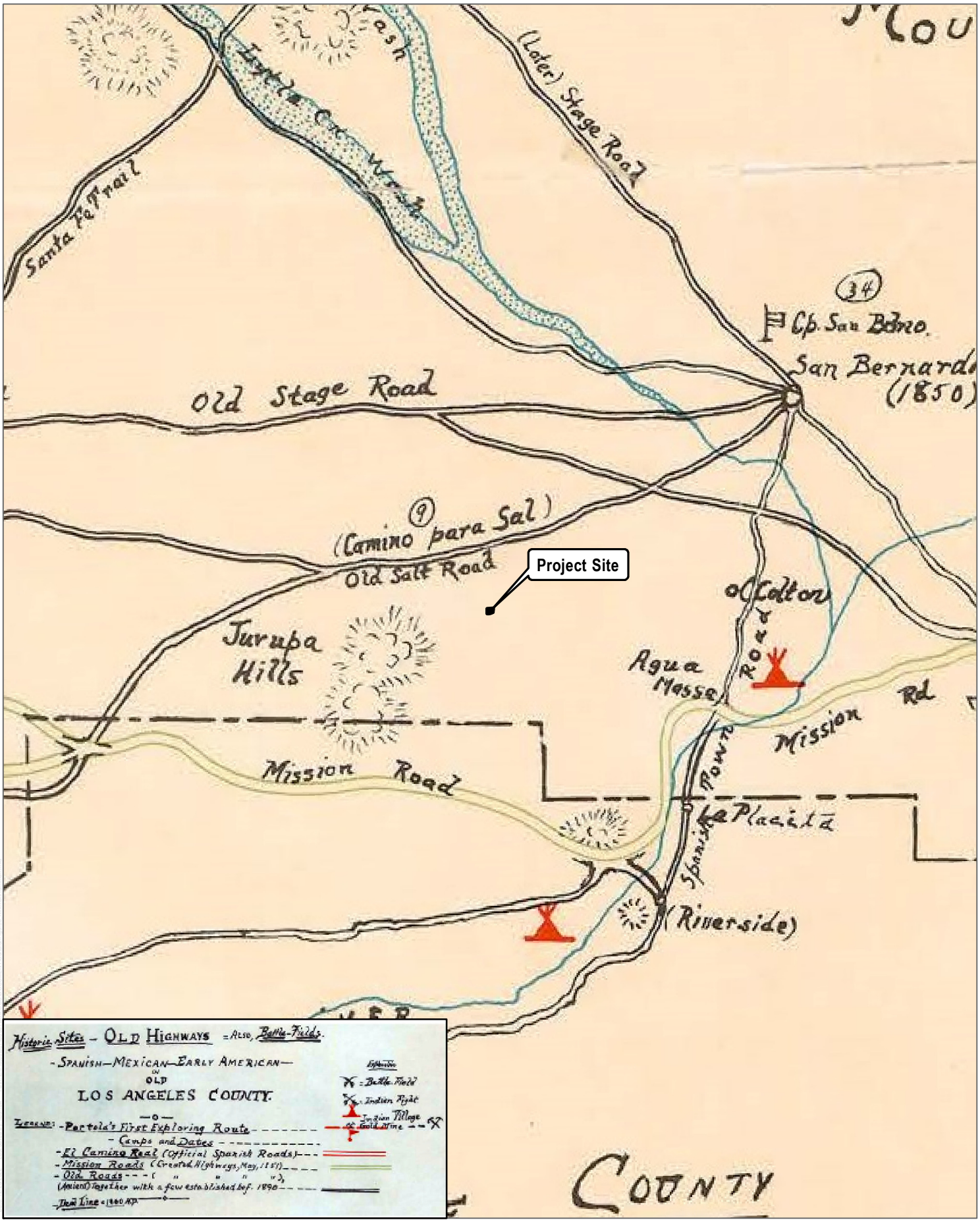
DUDEK

0 50 100 Feet
0 12.5 25 Meters
1:1,250

FIGURE 2

Project Site

Alice and Willow Avenue Warehouse Project



SOURCE: Kirkman-Harriman 1937 Pictorial and Historical Map of San Bernardino: 1860-1937 AD

DUDEK

0 1.25 2.5 Miles

0 2.25 4.5 Kilometers

FIGURE 3

1938 Kirkman-Harriman Historical Map

Alice and Willow Avenue Warehouse Project

Attachment B (Confidential)

CHRIS Records Search Results

Report List

PN 14856

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
SB-01468	NADB-R - 1061468; Voided - 84-11.6	1984	HAMMOND, STEPHEN R.	NEGATIVE ARCHAEOLOGICAL SURVEY REPORT: COLTON/SAN BERNARDINO MAINTENANCE STATION, CITY OF RIALTO, SAN BERNARDINO COUNTY		
SB-01558	NADB-R - 1061558; Voided - 86-3.4	1986	BIXLER, DAVID	ARCHAEOLOGICAL SITE SURVEY: WEST VALLEY REDEVELOPMENT PROJECT IN THE CITY OF COLTON	MOHAVE ENVIRONMENTAL CONSULTANTS	
SB-01635	NADB-R - 1061635; Voided - 87-1.4	1987	BIXLER, DAVID	ARCHEOLOGICAL SURFACE SURVEY: COLTON DUNE SITE		
SB-01772	NADB-R - 1061772; Voided - 88-2.3	1988	HALLARAN, KEVIN B. and KAREN K. SWOPE	ENVIRONMENTAL IMPACT EVALUATION: AN ARCHAEOLOGICAL ASSESSMENT OF THE RIALTO GATEWAY PROJECT, SAN BERNARDINO COUNTY, CALIFORNIA	ARCHAEOLOGICAL RESEARCH UNIT, UCR	
SB-02853	NADB-R - 1062853	1991	FOSTER, JOHN M., JAMES J. SCHMIDT, CARMEN A. WEBER, GWENDOLYN R. ROMANI, and ROBERTA S. GREENWOOD	CULTURAL RESOURCE INVESTIGATION: INLAND FEEDER PROJECT, MWD OF SOUTHERN CA	GREENWOOD & ASSOCIATES	36-006086, 36-006354, 36-006847, 36-006848, 36-006849, 36-006850, 36-006851, 36-006852, 36-006853, 36-006854, 36-006855, 36-006856, 36-006857, 36-006858, 36-006859, 36-006860, 36-006861, 36-006862, 36-006863, 36-006864, 36-006865, 36-006866, 36-006867, 36-006868, 36-006869, 36-006870, 36-006871, 36-006872, 36-006940, 36-007021, 36-007050, 36-007051, 36-007053, 36-007054, 36-007055, 36-007702
SB-03586	NADB-R - 1063586	2000	LOVE, BRUCE	ONTARIO TO COLTON PIPELINE, SAN BERNARDINO COUNTY, CA. 26PP	CRM TECH	36-006859
SB-03603	NADB-R - 1063603	1998	LOVE, BRUCE	INSTALLATION OF WATER PIPES ALONG I-10 BETWEEN COLTON AND FONTANA. 10PP	CRM TECH	
SB-03931	NADB-R - 1063931	2002	DAHDUL, MIRIAM	HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT: RIALTO CHANNEL IMPROVEMENT PROJECT (PHASE 3) IN THE CITY OF RIALTO, SAN BERNARDINO COUNTY, CA. 14PP	CRM TECH	36-001579
SB-04234	NADB-R - 1064234	2004	EARLE, DAVID D.	ETHNOHISTORICAL & EHTHNOGRAPHIC OVERVIEW & CULTURAL AFFILIATION STUDY OF THE FORT IRWIN REGION & CENTRAL MOJAVE DESERT. 199PP	EARLE & ASSOCIATES	

Report List

PN 14856

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
SB-04261	NADB-R - 1064261	2004	MCKENNA, JEANETTE A.	A PHASE I CULTURAL RESOURCES INVESTIGATION OF TEH COLTON JOINT UNIFIED SCHOOL DISTRICT MIDDLE SCHOOL NO. 5 IN TEH CITY OF RIALTO, SAN BERNARDINO COUNTY, CA. 40PP	MCKENNA ET AL	
SB-04634	NADB-R - 1064634	2004	Tibbett, Casey	Historical/Archaeological Resources Survey Report: WalMart Supercenter Project, City of Rialto, San Bernardino County, California.		
SB-05628	NADB-R - 1065628	2007	Bonner, Wayne H. and Marnie Aslin-Kay	Cultural Resource Records Search Results and Site Visit for T-Mobile Telecommunications Facility Candidate IE 04845C (Space Place Storage), 220 West Valley Boulevard, Rialto, San Bernardino County, California.		
SB-06089	NADB-R - 1066089	2008	Bholat, Sara and Evelyn N. Chandler	Cultural Resources Survey of a Temporary Ethanol Transload Facility in the City of Rialto, San Bernardino County, California.		
SB-06516	NADB-R - 1066516	1999	Ashkar, Shahira	Cultural Resource Inventory Report for Williams Communications, Inc., Proposed Fiber Optic System Installation Project, Los Angeles to Riverside, Los Angeles, Riverside and San Bernardino Counties.		

Resource List

PN 14856

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-36-001579	CA-SBR-001579	Resource Name - Slover Avenue Site; Other - SBCM-711	Site	Prehistoric	AP02	1963 (Smith)	SB-00273, SB-00492, SB-03931
P-36-006868	CA-SBR-006868H	Resource Name - F-W #1	Site	Historic	AH04	1990 (Schmidt et al., Greenwood & Assoc)	SB-02853
P-36-010330	CA-SBR-010330H	Resource Name - Union Pacific Railroad; Other - Southern Pacific Railroad; Other - West Line Basin Alignment; Other - Union Pacific Railroad Crossing at Anderson Street; Other - 19-186112	Structure, Object	Historic	AH07; HP39	1999 (S. Ashkar, Jones & Stokes Associates, Inc.); 2002 (Goodwin, R., LSA Associates, Inc.); 2008 (Harper, C.D., SWCA); 2010 (Tibbet, C., LSA Associates, Inc.); 2012 (Paul, Daniel D., ICF International)	SB-04335, SB-05495, SB-05614, SB-06291, SB-06720, SB-07451, SB-07666, SB-07955
P-36-021603		176 E. Slover Ave, Colton; Tank Farm; Resource Name - CNX-1	Building	Historic	HP08	2008 (Jeremy Hollins, URS Corp.)	

Appendix D-1

Geotechnical Engineering Investigation

Geotechnical Engineering Investigation

Proposed Industrial Warehouse Development
SEC Valley Boulevard and Willow Avenue
Rialto, California

Patriot Partners
12126 W. Sunset Boulevard
Los Angeles, California 90049-4145

Attn: Kevin Rice

Project Number 23007-21
February 24, 2022

NorCal Engineering

NorCal Engineering

Soils and Geotechnical Consultants
10641 Humbolt Street Los Alamitos, CA 90720
(562) 799-9469 Fax (562) 799-9459

February 24, 2022 Project Number 23007-21

Patriot Partners
12126 W. Sunset Boulevard
Los Angeles, California 90049-4145

Attn: Kevin Rice

RE: **Geotechnical Engineering Investigation** - Proposed Industrial Warehouse Development - Located at the Southeast Corner of Valley Boulevard and Willow Avenue, in the City of Rialto, California

Dear Mr. Rice:

Pursuant to your request, this firm has performed a Geotechnical Engineering Investigation for the above referenced project in accordance with your approval of our proposal dated December 14, 2021. The purpose of this investigation is to evaluate the geotechnical conditions of the subject site and to provide recommendations for the construction of a proposed industrial warehouse development.

The scope of work included the following: 1) site reconnaissance; 2) subsurface geotechnical exploration and sampling; 3) laboratory testing; 4) soil infiltration testing; 5) engineering analysis of field and laboratory data; 6) preparation of a geotechnical engineering report. It is the opinion of this firm that the proposed development is feasible from a geotechnical standpoint provided that the recommendations presented in this report are followed in the design and construction of the project.

1.0 Project Description

It is proposed to construct an industrial warehouse development consisting of 138,195 square feet building on the 6.41-acre site as shown on the attached Site Plan (figure 1). The proposed concrete tilt-up building will be supported by a conventional slab-on-grade foundation system with perimeter-spread footings and isolated interior footings. Other improvements will include asphalt and concrete pavement areas, hardscape and landscaping. It is assumed that the proposed grading for the development will include cut and fill procedures on the order of a few feet to achieve finished grade elevations. Final building plans shall be reviewed by this firm prior to submittal for city approval to determine the need for any additional study and revised recommendations pertinent to the proposed development, if necessary.

2.0 Site Description

The 6.41-acre subject property is located at the southeast Corner of West Valley Boulevard and South Willow Avenue, bordered by South Alicia Avenue to the east and the I-10 Freeway to the south, in the City of Rialto. The generally rectangular shaped parcel is elongated in an east to west direction and is relatively level with topography of the property descending gradually from north to south on the order of a few feet. The northwest corner of the site is currently occupied by four small metal buildings with areas of asphaltic pavement currently being utilized for tractor/trailer storage. The northeast corner of the site is currently occupied by a single-story commercial building with asphaltic pavement and associated improvements. The south end of the site is currently occupied by an abandoned metal building and asphaltic pavement, a large billboard is situated on the southwest corner of the site with a small, single-story structure.

3.0 Site Exploration

The investigation consisted of the placement of eleven (11) subsurface exploratory borings by a truck mounted hollow stem auger and hand operated auger to depths ranging between 5 and 20 feet below current ground elevations. The explorations were visually classified and logged by a field engineer with locations of the subsurface explorations shown on the attached plan. The exploratory borings revealed the existing earth materials to consist of fill and natural soil.

Detailed descriptions of the subsurface conditions are listed on the boring logs in Appendix A. It should be noted that the transition from one soil type to another as shown on the trench logs is approximate and may in fact be a gradual transition. The soils encountered are described as follows:

Fill: A fill soil classifying as a brown, fine to coarse grained, silty SAND with gravel, rock and occasional cobble was encountered across the site to depths ranging from 1 to 2½ feet below ground surface. These soils were noted to be loose to medium dense and dry to damp.

Natural: A natural undisturbed soil classifying as a brown to light brown, fine to coarse grained silty SAND with gravel, rock and occasional cobble was encountered directly beneath the upper fill soils. The grain size and amount of rock and cobble varied with depth. The native soils as encountered were observed to be medium dense and dry to damp.

The overall engineering characteristics of the earth material were relatively uniform with each excavation. Groundwater was not encountered to the depth of our trenches and caving occurred in the deeper cohesionless soils.

4.0 Laboratory Tests

Relatively undisturbed samples of the subsurface soils were obtained to perform laboratory testing and analysis for direct shear, consolidation tests, and to determine in-place moisture/densities. These relatively undisturbed ring samples were obtained by driving a thin-walled steel sampler lined with one-inch-long brass rings with an inside diameter of 2.42 inches into the undisturbed soils. Bulk bag samples were obtained in the upper soils for expansion index tests and maximum density tests. All test results are included in Appendix B, unless otherwise noted.

4.1 **Field Moisture Content** (ASTM: D 2216) and the dry density of the ring samples were determined in the laboratory. This data is listed on the logs of explorations.

4.2 **Maximum Density tests** (ASTM: D 1557) were performed on typical samples of the upper soils. Results of these tests are shown on Table I.

4.3 **Expansion Index tests** (ASTM: D 4829) were performed on remolded samples of the upper soils to determine expansive characteristics. Results of these tests are provided on Table II.

4.4 **Corrosion tests** consisting of sulfate, pH, resistivity and chloride analysis to determine potential corrosive effects of soils on concrete and underground utilities. Test results are provided on Table III.

4.5 **R-Value test** per California Test Method 301 was performed on a representative sample, which may be anticipated to be near subgrade to determine pavement design. Results are provided within the pavement design section of the report.

4.6 **Direct Shear tests** (ASTM: D 3080) were performed on undisturbed and/or remolded samples of the subsurface soils. The test is performed under saturated conditions at loads of 1,000 lbs./sq.ft., 2,000 lbs./sq.ft., and 3,000 lbs./sq.ft. with results shown on Plate A to B.

4.7 **Consolidation tests** (ASTM: D 2435) were performed on undisturbed samples to determine the differential and total settlement which may be anticipated based upon the proposed loads. Water was added to the samples at a surcharge of one KSF and the settlement curves are plotted on Plates C to D.

5.0 Seismicity Evaluation

The proposed development lies outside of any Alquist Priolo Special Studies Zone and the potential for damage due to direct fault rupture is considered unlikely. The Cucamonga Fault is located approximately 12 kilometers from the site and is capable of producing a Magnitude 7.0 earthquake. Ground shaking originating from earthquakes along other active faults in the region is expected to induce lower horizontal accelerations due to smaller anticipated earthquakes and/or greater distances to other faults.

The seismic design acceleration parameters for the project site are provided on the following page based on the ASCE/SEI 7-22 American Society of Civil Engineers (ASCE) website, https://asce7hazardtool.online/. The ASCE/SEI 7-22 report is attached is Appendix C

Seismic Design Acceleration Parameters

Latitude	34.070
Longitude	-117.374
Site Class	D
Risk Category	II
Peak Ground Acceleration	$PGA_M = 0.79$
Adjusted Maximum Acceleration	$S_{MS} = 2.27$ $S_{M1} = 2.2$
Design Spectral Response Acceleration Parameters	$S_{DS} = 1.52$ $S_{D1} = 1.46$
Mapped Spectral Response Acceleration	$S_S = 2.25$ $S_1 = 0.83$

Use of these values is dependent on the latest requirements of the ASCE, 11-4.8, Exception 2 that requires the value of the seismic response coefficient C_s be determined by Equation 12.8.2 for values of $T \leq 1.5T_s$ and taken as equal to 1.5 times the value computed in accordance with either 12.8-3 for $T_L \geq T \geq 1.5T_s$ or Equation 12.8-4 for $T > T_L$. Computations and verification of these conditions is referred to the structural engineer.

6.0 Liquefaction Evaluation

The site is expected to experience ground shaking and earthquake activity that is typical of the Southern California area. It is during severe shaking that loose, granular soils below the groundwater table can liquefy. Based on review of the *County of San Bernardino County Land Use Plan – General Plan – Geologic Hazard Overlays (2009)*, the site lies outside a zone of "Suspected Liquefaction Susceptibility". Based on review of local groundwater maps, the depth of groundwater is in excess of 100 feet (Carson & Matti 1982). Thus, the design of the proposed construction in conformance with the latest Building Code provisions for earthquake design is expected to provide mitigation of ground shaking hazards that are typical to Southern California.

7.0 Infiltration Characteristics

Infiltration tests within the site were performed to provide preliminary infiltration rates for the purpose of planning and design of an on-site water disposal system. A truck mounted Simco 2800 Drill Rig equipped with a hollow stem auger was used to excavate the exploratory borings to depths of 5 and 10 below existing ground surface. The borings consisted of eight-inch diameter test holes. A three-inch diameter perforated PVC casing with solid end cap was installed in the borings and then surrounded with gravel materials to prevent caving.

The infiltration holes were carefully filled with clean water and refilled after two initial readings. Based upon the initial rates of infiltration at each location, test measurements were measured at selected maximum intervals thereafter. Measurements were obtained by using an electronic tape measure with 1/16-inch divisions and timed with a stopwatch. The field infiltration rate was computed using a reduction factor – R_f based on the field measurements with our calculations given in Appendix E. Based upon the results of our testing, the soils encountered in the planned on-site drainage disposal system area exhibit the following infiltration rates.

Boring/Test No.	Depth	Soil Classification	Field Infiltration Rate
B-1	5'	Silty SAND	13.0 in/hr
B-2	10'	Slightly Silty SAND	11.1 in/hr

The correction factors CF_t, CF_v and CF_s are given below based on soils at 5 and 10 feet from our field tests.

a) $CF_t = Rf = 4.2$ and 6.8 for our two infiltration test holes.

b) $CF_v = 1.0$ based on uniform soils encountered in two borings for infiltration tests.

c) $CF_s = 2.0$ for long-term siltation, plugging and maintenance. The subsurface soils are likely to have some plugging and regular maintenance of storm water discharge devices is required.

Thus, the subsurface soils encountered in the proposed on-site drainage disposal system shall utilize the design infiltration rates based on a safety factor of 2.0 as required by the county standard. All systems must meet the latest county specifications and the California Regional Water Quality Control Board (CRWQCB) requirements.

It is recommended that foundations shall be setback a minimum distance of 10 feet from the drainage disposal system and the bottom of footing shall be a minimum of 10 feet from the expected zone of saturation. The boundary of the zone of saturation may be assumed to project downward from the top of the permeable portion of the disposal system at an inclination of 1 to 1 or flatter, as determined by the geotechnical engineer.

8.0 Conclusions and Recommendations

Based upon our evaluations, the proposed development is acceptable from a geotechnical engineering standpoint. By following the recommendations and guidelines set forth in our report, the structures will be safe from excessive settlements under the anticipated design loadings and conditions. The proposed development shall meet all requirements of the City Building Ordinance and will not impose any adverse effect on existing adjacent structures.

The following recommendations are based upon soil conditions encountered in our field investigation; these near-surface soil conditions could vary across the site. Variations in the soil conditions may not become evident until the commencement of grading operations for the proposed development and revised recommendations from the soils engineer may be necessary based upon the conditions encountered.

It is recommended that site inspections be performed by a representative of this firm during all grading and construction of the development to verify the findings and recommendations documented in this report. Any unusual conditions which may be encountered in the course of the project development may require the need for additional study and revised recommendations.

8.1 Site Grading Recommendations

Any vegetation and/or demolition debris shall be removed and hauled from proposed grading areas prior to the start of grading operations. Existing vegetation shall not be mixed or disced into the soils. Any removed soils may be reutilized as compacted fill once any deleterious material or oversized materials (in excess of eight inches) is removed. Grading operations shall be performed in accordance with the attached *Specifications for Placement of Compacted Fill*.

8.1.1 Removal and Recompaction Recommendations

All disturbed soils and/or fill (about 1 to 2½ feet below ground surface) shall be removed to competent native material, the exposed surface scarified to a depth of 12 inches, brought to within 2% of optimum moisture content and compacted to a minimum of 90% of the laboratory standard (ASTM: D-1557) prior to placement of any additional compacted fill soils, foundations, slabs-on-grade and pavement. The upper 12 inches of soils beneath building pad and concrete paving shall be compacted to a minimum of 95% of the laboratory standard. Grading shall extend a minimum of five horizontal feet outside the edges of foundations or equidistant to the depth of fill placed, whichever is greater.

The site is underlain by alluvium generally composed of gravels, cobbles and boulders in a silty sand matrix. Oversized materials are anticipated to be encountered during grading operations. The proposed building pad shall be graded with cobbles up to 6-inch minus blended uniformly with soils in the upper one foot beneath pad grade and within planned utility/foundation areas. Rock size up to 12 inches blended uniformly with soils shall be placed below two feet of more below grade. All fill will be required to be placed in suitable lifts, moisture conditioned and compacted to a minimum of 90% of the laboratory standard.

It is possible that isolated areas of undiscovered fill not described in this report are present on site; if found, these areas should be treated as discussed earlier. A diligent search shall also be conducted during grading operations in an effort to uncover any underground structures, irrigation or utility lines. If encountered, these structures and lines shall be either removed or properly abandoned prior to the proposed construction.

Any imported fill material should be preferably soil similar to the upper soils encountered at the subject site. All soils shall be approved by this firm prior to importing at the site and will be subjected to additional laboratory testing to assure concurrence with the recommendations stated in this report.

If placement of slabs-on-grade and pavement is not completed immediately upon completion of grading operations, additional testing and grading of the areas may be necessary prior to continuation of construction operations. Likewise, if adverse weather conditions occur which may damage the subgrade soils, additional assessment by the soils engineer as to the suitability of the supporting soils may be needed.

Care should be taken to provide or maintain adequate lateral support for all adjacent improvements and structures at all times during the grading operations and construction phase. Adequate drainage away from the structures, pavement and slopes should be provided at all times.

8.1.2 **Fill Blanket Recommendations**

Due to the potential for differential settlement of foundations placed on compacted fill and native materials, it is recommended that all foundations including floor slab areas be underlain by a uniform compacted fill blanket at least two feet in thickness. This fill blanket shall extend a minimum of five horizontal feet outside the edges of foundations or equidistant to the depth of fill placed, whichever is greater.

8.2 **Shrinkage and Subsidence**

The site is underlain by alluvium generally composed of gravels, cobbles and boulders blended with a sand matrix. It is our experience that a loss of volume from oversize rock will be anticipated. Results of our in-place density tests reveal that the soil shrinkage of the matrix will be on the order of 5 to 10% due to excavation and recompaction, based upon the assumption that the fill is compacted to 92% of the maximum dry density per ASTM standards. Subsidence should be 0.2 feet due to earthwork operations.

The volume change does not include any allowance for vegetation or organic stripping, removal of subsurface improvements, or topographic approximations. Although these values are only approximate, they represent our best estimate of lost yardage, which will likely occur during grading. If more accurate shrinkage and subsidence factors are needed, it is recommended that field testing the actual equipment and grading techniques should be conducted.

8.3 **Temporary Excavations**

Temporary *unsurcharged* excavations in the existing site materials may be made at vertical inclinations up to 3 feet in height unless cohesionless soils are encountered. In areas where soils with little or no binder are encountered, where adverse geological conditions are exposed, or where excavations are adjacent to existing structures, shoring or flatter excavations may be required. The temporary cut slope gradients given above do not preclude local raveling and sloughing.

All excavations shall be made in accordance with the requirements of the soils engineer, CAL-OSHA and other public agencies having jurisdiction. Care should be taken to provide or maintain adequate lateral support for all adjacent improvements and structures at all times during the grading operations and construction phase.

8.4 Foundation Design

All foundations may be designed utilizing the following allowable bearing capacities for an embedded depth of 18 inches into approved engineered fill with the corresponding widths:

Allowable Bearing Capacity (psf)		
Width (feet)	Continuous Foundation	Isolated Foundation
1.5	2000	2500
2.0	2075	2575
4.0	2375	2875
6.0	2500	3000

The bearing value may be increased by 500 psf for each additional foot of depth in excess of the 18-inch minimum depth, up to a maximum of 4,000 psf. A one-third increase may be used when considering short-term loading and seismic forces.

Any foundations located along property line may utilize an allowable bearing capacity of 1,500 psf and embedded into competent native soils. A modulus of subgrade reaction (k) of 200 pci may be used for design of slabs placed on engineered fill soils supporting sustained concentrated loads. A representative of this firm shall inspect all foundation excavations prior to pouring concrete.

8.5 Settlement Analysis

Resultant pressure curves for the consolidation tests are shown on Plates B to C. Computations utilizing these curves and the recommended allowable soil bearing capacities reveal that the foundations will experience settlements on the order of ¾ inch and differential settlements of less than ¼ inch.

8.6 **Lateral Resistance**

The following values may be utilized in resisting lateral loads imposed on the structure. Requirements of the California Building Code should be adhered to when the coefficient of friction and passive pressures are combined.

Coefficient of Friction - 0.40

Equivalent Passive Fluid Pressure = 250 lbs./cu.ft.

Maximum Passive Pressure = 2,500 lbs./cu.ft.

The passive pressure recommendations are valid only for approved compacted fill soils or competent native materials.

8.7 **Retaining Wall Design Parameters**

Active earth pressures against retaining walls will be equal to the pressures developed by the following fluid densities. These values are for **granular backfill material** placed behind the walls at various ground slopes above the walls.

Surface Slope of Retained Materials (Horizontal to Vertical	Equivalent Fluid Density (lb./cu.ft.)
Level	30
5 to 1	35
4 to 1	38
3 to 1	40
2 to 1	45

Any applicable short-term construction surcharges and seismic forces should be added to the above lateral pressure values. An equivalent fluid pressure of 45 pcf may be utilized for the restrained wall condition with a level grade behind the wall.

The seismic-induced lateral soil pressure for walls greater than 6 feet may be computed using a triangular pressure distribution with the maximum value at the top of the wall. The maximum lateral pressure of (20 pcf) H where H is the height of the retained soils above the wall footing should be used in final design of retaining walls. Sliding resistance values and passive fluid pressure values may be increased by 1/3 during short-term wind and seismic loading conditions.

All walls shall be waterproofed as needed and protected from hydrostatic pressure by a reliable permanent subdrain system. The granular backfill to be utilized immediately adjacent to retaining walls shall consist of an approved select granular soil with a sand equivalency greater than 30. This backfill zone of free draining material shall consist of a wedge beginning a minimum of one horizontal foot from the base of the wall extending upward at an inclination of no less than ¾ to 1 (horizontal to vertical).

8.8 Slab Design

All concrete slabs shall be a minimum of six inches in thickness in the proposed warehouse areas and four inches in office and hardscape and placed on approved subgrade soils compacted to a minimum of 95% of the laboratory standard in the upper 12 inches. Additional reinforcement requirements and an increase in thickness of the slabs-on-grade may be necessary based upon soils expansion potential and proposed loading conditions in the structures and should be evaluated further by the project engineers and/or architect.

A vapor retarder (10-mil minimum thickness) should be utilized in areas which would be sensitive to the infiltration of moisture. This retarder shall meet requirements of ASTM E 96, *Water Vapor Transmission of Materials* and ASTM E 1745, *Standard Specification for Water Vapor Retarders used in Contact with Soil or Granular Fill Under Concrete Slabs.* The vapor retarder shall be installed in accordance with procedures stated in ASTM E 1643, *Standard practice for Installation of Water Vapor Retarders used in Contact with Earth or Granular Fill Under Concrete Slabs.*

The moisture retarder may be placed directly upon compacted subgrade soils conditioned to near optimum moisture levels, although one to two inches of sand beneath the membrane is desirable. The subgrade upon which the retarder is placed shall be smooth and free of rocks, gravel or other protrusions which may damage the retarder. Use of sand above the retarder is under the purview of the structural engineer; if sand is used over the retarder, it should be placed in a dry condition.

8.9 **Pavement Section Design**

The table below provides a preliminary pavement design based upon an R-Value of 72 for the subgrade soils for the proposed pavement areas. Final pavement design may need to be based on R-Value testing of the subgrade soils near the conclusion of site grading to assure that these soils are consistent with those assumed in this preliminary design. *The recommendations are based upon estimated traffic loads. Client should submit any other anticipated traffic loadings to the geotechnical engineer, if necessary, so that pavement sections may be reviewed to determine adequacy to support the proposed loadings.*

Type of Traffic	Traffic Index	Asphalt (in.)	Base Material (in.)
Automobile Parking Stalls	4.0	3.0	3.0
Light Vehicle Circulation Areas	5.5	3.5	4.0
Heavy Truck Access Areas	7.0	4.0	8.0

Any concrete slab-on-grade in pavement areas shall be a minimum of six inches in thickness and may be placed on approved subgrade soils.

All pavement areas shall have positive drainage toward an approved outlet from the site. Drain lines behind curbs and/or adjacent to landscape areas should be considered by client and the appropriate design engineers to prevent water from infiltrating beneath pavement. If such infiltration occurs, damage to pavement, curbs and flow lines, especially on sites with expansive soils, may occur during the life of the project.

Any approved base material shall consist of a Class II aggregate or equivalent and should be compacted to a minimum of 95% relative compaction. All pavement materials shall conform to the requirements set forth by the City of Fontana. The base material; and asphaltic concrete should be tested prior to delivery to the site and during placement to determine conformance with the project specifications. A pavement engineer shall designate the specific asphalt mix design to meet the required project specifications.

8.10 **Utility Trench and Excavation Backfill**

Trenches from installation of utility lines and other excavations may be backfilled with on-site soils or approved imported soils compacted to a minimum of 90% relative compaction. All utility lines shall be properly bedded with clean sand having a sand equivalency rating of 30 or more. This bedding material shall be thoroughly water jetted around the pipe structure prior to placement of compacted backfill soils.

8.11 **Corrosion Design Criteria**

Representative samples of the surficial soils, typical of the subgrade soils expected to be encountered within foundation excavations and underground utilities were tested for corrosion potential. The minimum resistivity value obtained for the samples tested is representative of an environment that may be severely corrosive to metals. The soil pH value was considered neutral and may not have a significant effect on soil corrosivity. Consideration should be given to corrosion protection systems for buried metal such as protective coatings, wrappings or the use of PVC where permitted by local building codes.

According to Table 4.3.1 of ACI 318 Building Code and Commentary, these contents revealed negligible sulfate concentrations. Therefore, a Type II cement according to latest CBC specifications may be utilized for building foundations at this time. It is recommended that additional sulfate tests be performed at the completion of site grading to assure that the as graded conditions are consistent with the recommendations stated in this design. Corrosion test results may be found on the attached Table IV.

8.12 **Expansive Soil**

On-site soils are very low in expansion potential (EI 0-20). When soils have an expansion index (EI) of 20 or more, special attention should be given to the project design and maintenance. The attached *Expansive Soil Guidelines* should be reviewed by the engineers, architects, owner, maintenance personnel and other interested parties and considered during the design of the project and future property maintenance. Expansion test results may be found on the attached Table II.

9.0 Closure

The recommendations and conclusions contained in this report are based upon the soil conditions uncovered in our test excavations. No warranty of the soil condition between our excavations is implied. NorCal Engineering should be notified for possible further recommendations if unexpected to unfavorable conditions are encountered during construction phase. It is the responsibility of the owner to ensure that all information within this report is submitted to the Architect and appropriate Engineers for the project.

A preconstruction conference should be held between the developer, general contractor, grading contractor, city inspector, architect, and soil engineer to clarify any questions relating to the grading operations and subsequent construction. Our representative should be present during the grading operations and construction phase to certify that such recommendations are complied within the field.

This geotechnical investigation has been conducted in a manner consistent with the level of care and skill exercised by members of our profession currently practicing under similar conditions in the Southern California area. No other warranty, expressed or implied is made.

We appreciate this opportunity to be of service to you. If you have any further questions, please do not hesitate to contact the undersigned.

Respectfully submitted,
NORCAL ENGINEERING

Keith D. Tucker
Project Engineer
R.G.E. 841

REGISTERED PROFESSIONAL ENGINEER
KEITH D. TUCKER
No. 841
Exp. 12/31/2022
GEOTECHNICAL
STATE OF CALIFORNIA

Mike Barone
Project Manager

SPECIFICATIONS FOR PLACEMENT OF COMPACTED FILL

Excavation

Any existing low-density soils and/or saturated soils shall be removed to competent natural soil under the inspection of the Geotechnical Engineering Firm. After the exposed surface has been cleansed of debris and/or vegetation, it shall be scarified until it is uniform in consistency, brought to the proper moisture content and compacted to a minimum of 90% relative compaction (in accordance with ASTM: D 1557).

In any area where a transition between fill and native soil or between bedrock and soil are encountered, additional excavation beneath foundations and slabs will be necessary in order to provide uniform support and avoid differential settlement of the structure.

Material for Fill

The on-site soils or approved import soils may be utilized for the compacted fill provided they are free of any deleterious materials and shall not contain any rocks, brick, asphaltic concrete, concrete or other hard materials greater than eight inches in maximum dimensions. Any import soil must be approved by the Geotechnical Engineering firm a minimum of 72 hours prior to importation of site.

Placement of Compacted Fill Soils

The approved fill soils shall be placed in layers not excess of six inches in thickness. Each lift shall be uniform in thickness and thoroughly blended. The fill soils shall be brought to within 2% of the optimum moisture content, unless otherwise specified by the Soils Engineering firm. Each lift shall be compacted to a minimum of 90% relative compaction (in accordance with ASTM: D 1557) and approved prior to the placement of the next layer of soil. Compaction tests shall be obtained at the discretion of the Geotechnical Engineering firm but to a minimum of one test for every 500 cubic yards placed and/or for every 2 feet of compacted fill placed.

The minimum relative compaction shall be obtained in accordance with accepted methods in the construction industry. The final grade of the structural areas shall be in a dense and smooth condition prior to placement of slabs-on-grade or pavement areas. No fill soils shall be placed, spread or compacted during unfavorable weather conditions. When the grading is interrupted by heavy rains, compaction operations shall not be resumed until approved by the Geotechnical Engineering firm.

Grading Observations

The controlling governmental agencies should be notified prior to commencement of any grading operations. This firm recommends that the grading operations be conducted under the observation of a Soils Engineering firm as deemed necessary. A 24-hour notice must be provided to this firm prior to the time of our initial inspection.

Observation shall include the clearing and grubbing operations to assure that all unsuitable materials have been properly removed; approve the exposed subgrade in areas to receive fill and in areas where excavation has resulted in the desired finished grade and designate areas of overexcavation; and perform field compaction tests to determine relative compaction achieved during fill placement. In addition, all foundation excavations shall be observed by the Soils Engineering firm to confirm that appropriate bearing materials are present at the design grades and recommend any modifications to construct footings.

EXPANSIVE SOIL GUIDELINES

The following expansive soil guidelines are provided for your project. The intent of these guidelines is to inform you, the client, of the importance of proper design and maintenance of projects supported on expansive soils. ***You, as the owner or other interested party, should be warned that you have a duty to provide the information contained in the soil report including these guidelines to your design engineers, architects, landscapers and other design parties in order to enable them to provide a design that takes into consideration expansive soils.***

In addition, you should provide the soil report with these guidelines to any property manager, lessee, property purchaser or other interested party that will have or assume the responsibility of maintaining the development in the future.

Expansive soils are fine-grained silts and clays which are subject to swelling and contracting. The amount of this swelling and contracting is subject to the amount of fine-grained clay materials present in the soils and the amount of moisture either introduced or extracted from the soils. Expansive soils are divided into five categories ranging from "very low" to "very high". Expansion indices are assigned to each classification and are included in the laboratory testing section of this report. *If the expansion index of the soils on your site, as stated in this report, is 21 or higher, you have expansive soils.* The classifications of expansive soils are as follows:

Classification of Expansive Soil*

Expansion Index	Potential Expansion
0-20	Very Low
21-50	Low
51-90	Medium
91-130	High
Above 130	Very High

*From Table 18A-I-B of California Building Code (1988)

When expansive soils are compacted during site grading operations, care is taken to place the materials at or slightly above optimum moisture levels and perform proper compaction operations. Any subsequent excessive wetting and/or drying of expansive soils will cause the soil materials to expand and/or contract. These actions are likely to cause distress of foundations, structures, slabs-on-grade, sidewalks and pavement over the life of the structure. ***It is therefore imperative that even after construction of improvements, the moisture contents are maintained at relatively constant levels, allowing neither excessive wetting or drying of soils.***

Evidence of excessive wetting of expansive soils may be seen in concrete slabs, both interior and exterior. Slabs may lift at construction joints producing a trip hazard or may crack from the pressure of soil expansion. Wet clays in foundation areas may result in lifting of the structure causing difficulty in the opening and closing of doors and windows, as well as cracking in exterior and interior wall surfaces. In extreme wetting of soils to depth, settlement of the structure may eventually result. Excessive wetting of soils in landscape areas adjacent to concrete or asphaltic pavement areas may also result in expansion of soils beneath pavement and resultant distress to the pavement surface.

Excessive drying of expansive soils is initially evidenced by cracking in the surface of the soils due to contraction. Settlement of structures and on-grade slabs may also eventually result along with problems in the operation of doors and windows.

Projects located in areas of expansive clay soils will be subject to more movement and "hairline" cracking of walls and slabs than similar projects situated on non-expansive sandy soils. There are, however, measures that developers and property owners may take to reduce the amount of movement over the life the development. The following guidelines are provided to assist you in both design and maintenance of projects on expansive soils:

- Drainage away from structures and pavement is essential to prevent excessive wetting of expansive soils. Grades should be designed to the latest building code and maintained to allow flow of irrigation and rain water to approved drainage devices or to the street. Any "ponding" of water adjacent to buildings, slabs and pavement after rains is evidence of poor drainage; the installation of drainage devices or regrading of the area may be required to assure proper drainage. Installation of rain gutters is also recommended to control the introduction of moisture next to buildings. Gutters should discharge into a drainage device or onto pavement which drains to roadways.

- Irrigation should be strictly controlled around building foundations, slabs and pavement and may need to be adjusted depending upon season. This control is essential to maintain a relatively uniform moisture content in the expansive soils and to prevent swelling and contracting. Over-watering adjacent to improvements may result in damage to those improvements. NorCal Engineering makes no specific recommendations regarding landscape irrigation schedules.

- Planting schemes for landscaping around structures and pavement should be analyzed carefully. Plants (including sod) requiring high amounts of water may result in excessive wetting of soils. Trees and large shrubs may actually extract moisture from the expansive soils, thus causing contraction of the fine-grained soils.

- Thickened edges on exterior slabs will assist in keeping excessive moisture from entering directly beneath the concrete. A six-inch thick or greater deepened edge on slabs may be considered. Underlying interior and exterior slabs with 6 to 12 inches or more of non-expansive soils and providing presaturation of the underlying clayey soils as recommended in the soil report will improve the overall performance of on-grade slabs.

- Increase the amount of steel reinforcing in concrete slabs, foundations and other structures to resist the forces of expansive soils. The precise amount of reinforcing should be determined by the appropriate design engineers and/or architects.

- Recommendations of the soil report should always be followed in the development of the project. Any recommendations regarding presaturation of the upper subgrade soils in slab areas should be performed in the field and verified by the Soil Engineer.

W VALLEY BLVD.

S WILLOW AVE.

S ALDER AVE.

B-8

B-9

B-11

B-10

B-6

B-5

B-7

B-4

B-3

B-2

B-1

BUILDING
138,195 SF

16 DOCK -HI DOORS

OFFICE
2,500 SF
MEZZ.
2,500 SF

GATE

GATE

25'
45'
60'
543'
52'
52'
52'
82'
23'
25'
226'
290'
60'
60'
65'
20'
40'
185'
140'
145'-11 15/16"
40'
40'
20'
20'
20'
20'
20'
30'
20'
194'-6 3/4"
45'

1" = 60'

NorCal Engineering

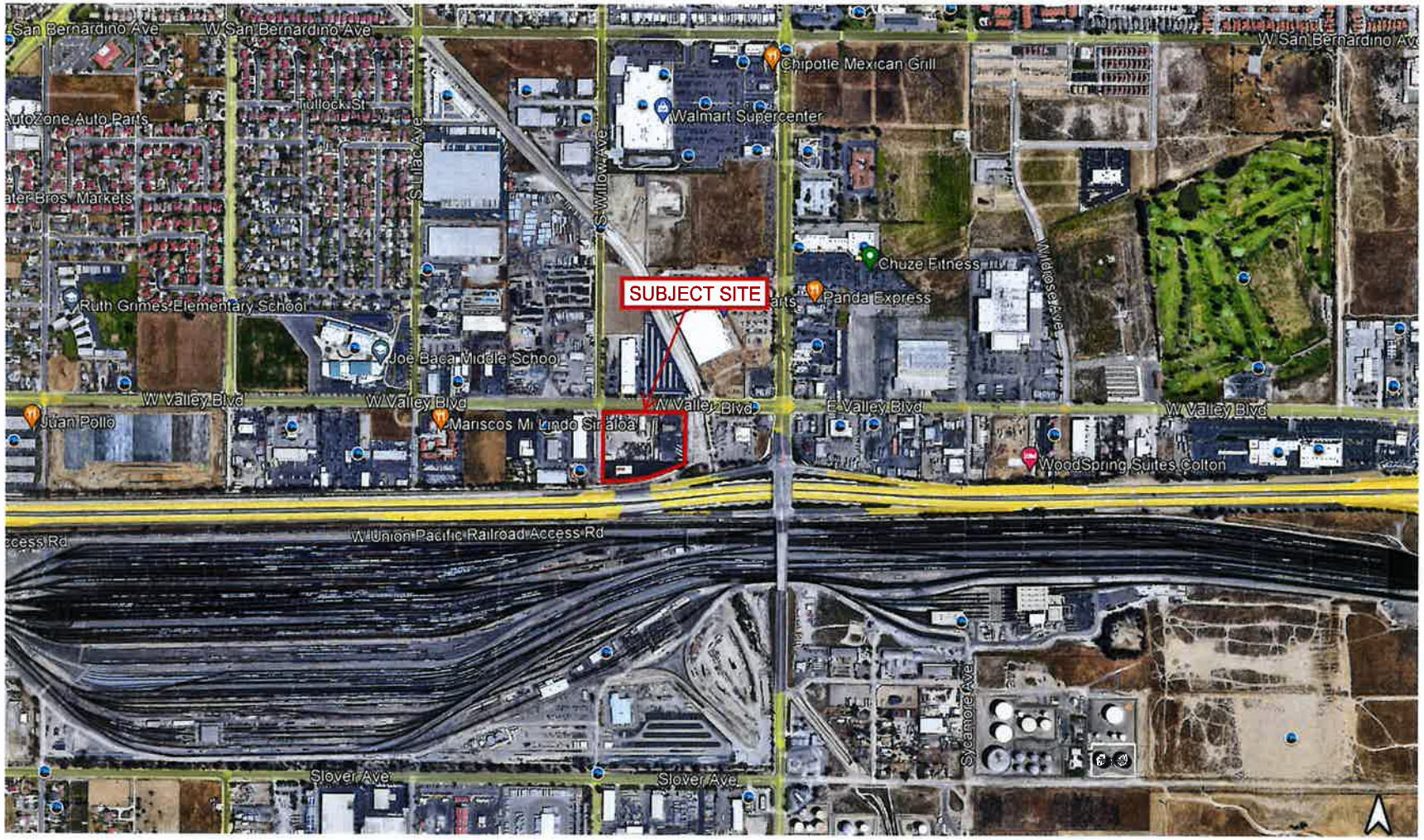
SOILS AND GEOTECHNICAL CONSULTANTS

PATRIOT PARTNERS

PROJECT: 23007-21

DATE: FEBRUARY 2022

SITE PLAN



NorCal Engineering

SOILS AND GEOTECHNICAL CONSULTANTS

PATRIOT PARTNERS

PROJECT: 23007-21 | DATE: FEBRUARY 2022

VICINITY MAP

List of Appendices
(in order of appearance)

Appendix A – Log of Excavations

Log of Trenches T-1 to T-9

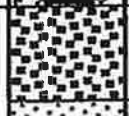
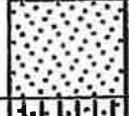
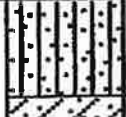
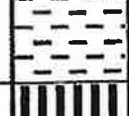
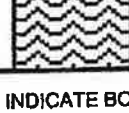
Appendix B – Laboratory Tests

Table I – Maximum Dry Density
Table II – Expansion
Table III – Corrosion
Plate A to B– Direct Shear
Plates C to D - Consolidation

Appendix C – ASCE Seismic Hazards Report

Appendix D – Soil Infiltration Data

Appendix A
Log of Excavations

MAJOR DIVISION			GRAPHIC SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL, SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	SAND AND SANDY SOILS	CLEAN SAND (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
	MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SANDS WITH FINE (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND-SILT MIXTURES
				SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

UNIFIED SOIL CLASSIFICATION SYSTEM

KEY:

 Indicates 2.5-inch Inside Diameter. Ring Sample.

 Indicates 2-inch OD Split Spoon Sample (SPT).

 Indicates Shelby Tube Sample.

 Indicates No Recovery.

 Indicates SPT with 140# Hammer 30 in. Drop.

 Indicates Bulk Sample.

 Indicates Small Bag Sample.

 Indicates Non-Standard

 Indicates Core Run.

COMPONENT PROPORTIONS

DESCRIPTIVE TERMS	RANGE OF PROPORTION
Trace	1 - 5%
Few	5 - 10%
Little	10 - 20%
Some	20 - 35%
And	35 - 50%

COMPONENT DEFINITIONS

COMPONENT	SIZE RANGE
Boulders	Larger than 12 in
Cobbles	3 in to 12 in
Gravel	3 in to No 4 (4.5mm)
Coarse gravel	3 in to 3/4 in
Fine gravel	3/4 in to No 4 (4.5mm)
Sand	No. 4 (4.5mm) to No. 200 (0.074mm)
Coarse sand	No. 4 (4.5 mm) to No. 10 (2.0 mm)
Medium sand	No. 10 (2.0 mm) to No. 40 (0.42 mm)
Fine sand	No. 40 (0.42 mm) to No. 200 (0.074 mm)
Silt and Clay	Smaller than No. 200 (0.074 mm)

MOISTURE CONTENT

DRY	Absence of moisture, dusty, dry to the touch.
DAMP	Some perceptible moisture; below optimum
MOIST	No visible water; near optimum moisture content
WET	Visible free water, usually soil is below water table.

RELATIVE DENSITY OR CONSISTENCY VERSUS SPT N -VALUE

COHESIONLESS SOILS		COHESIVE SOILS		
Density	N (blows/ft)	Consistency	N (blows/ft)	Approximate Undrained Shear Strength (psf)
Very Loose	0 to 4	Very Soft	0 to 2	< 250
Loose	4 to 10	Soft	2 to 4	250 - 500
Medium Dense	10 to 30	Medium Stiff	4 to 8	500 - 1000
Dense	30 to 50	Stiff	8 to 15	1000 - 2000
Very Dense	over 50	Very Stiff	15 to 30	2000 - 4000
		Hard	over 30	> 4000

Patriot Partners 23007-21	Log of Boring B-1

Boring Location: Valley Blvd & Willow, Rialto	
Date of Drilling: 12/28/2021	Groundwater Depth: None Encountered
Drilling Method: Drill Rig	
Hammer Weight: 140 lbs	Drop: 30"
Surface Elevation: Not Measured	

Depth (feet)	Lith-ology	Material Description	Samples		Laboratory		
			Type	Blow Counts	Moisture	Dry Density	Fines Content %
0		4.5" Asphaltic Concrete over 3" Base					
		FILL					
		Silty (fine to coarse grained) SAND with gravel and occasional cobble					
		Brown, medium dense, moist	☑				
		NATURAL					
5		Gravelly SAND, silty with occasional cobble					
		Brown, dense, damp	☑		3.3		
		Boring completed at depth of 5'					
10							
15							
20							
25							
30							
35							

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\PROJECT\23007-21.log Date: 2/25/2022

Patriot Partners
23007-21

Log of Boring B-2

Boring Location: Valley Blvd & Willow, Rialto

Date of Drilling: 12/28/2021 | **Groundwater Depth:** None Encountered

Drilling Method: Drill Rig

Hammer Weight: 140 lbs | **Drop:** 30"

Surface Elevation: Not Measured

Depth (feet)	Lith-ology	Material Description	Samples: Type	Samples: Blow Counts	Laboratory: Moisture	Laboratory: Dry Density	Laboratory: Fines Content %
0		2.5" Asphaltic Concrete over 8" Base					
		FILL Silty (fine to coarse grained) SAND with gravel and occasional cobble Brown, medium dense, moist					
		NATURAL Gravelly SAND, silty with occasional cobble Brown, dense, dry to damp					
5		Slightly silty (fine to coarse grained) SAND with gravel, rock and occasional cobble Brown, dense, damp					
10		Boring completed at depth of 10'	☑		1.8		
15							
20							
25							
30							
35							

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\PROJECT\23007-21.log Date: 2/25/2022

NorCal Engineering

Patriot Partners
23007-21

Log of Boring B-3

Boring Location: Valley Blvd & Willow, Rialto	
Date of Drilling: 12/28/2021	Groundwater Depth: None Encountered
Drilling Method: Drill Rig	
Hammer Weight: 140 lbs	Drop: 30"
Surface Elevation: Not Measured	

Depth (feet)	Lith-ology	Material Description	Samples: Type	Samples: Blow Counts	Laboratory: Moisture	Laboratory: Dry Density	Laboratory: Fines Content %
0		3.5" Asphaltic Concrete over 3.5" Base					
		FILL Silty (fine to coarse grained) SAND with gravel and occasional cobble Brown, medium dense, moist					
5		NATURAL Gravelly SAND, silty with occasional cobble Brown, dense, dry to damp					
		Slightly silty (medium to coarse grained) SAND with gravel, root, occasional cobble Brown, dense, damp					
10		Boring completed at depth of 10'					
15							
20							
25							
30							
35							

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\PROJECT\23007-21.log Date: 2/25/2022

Patriot Partners
23007-21

Log of Boring B-4

Boring Location: Valley Blvd & Willow, Rialto

Date of Drilling: 12/28/2021 | **Groundwater Depth:** None Encountered

Drilling Method: Drill Rig

Hammer Weight: 140 lbs | **Drop:** 30"

Surface Elevation: Not Measured

Depth (feet)	Lith-ology	Material Description	Samples: Type	Samples: Blow Counts	Laboratory: Moisture	Laboratory: Dry Density	Laboratory: Fines Content %
0		3.5" Asphaltic Concrete over 8" Base					
		FILL Silty (fine to coarse grained) SAND with gravel and occasional cobble Brown, medium dense, damp					
		NATURAL Gravelly SAND, silty with occasional cobble Brown, dense, dry to damp					
5		Boring completed at depth of 5'					
10							
15							
20							
25							
30							
35							

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\PROJECT\23007-21.log Date: 2/25/2022

Patriot Partners
23007-21

Log of Boring B-5

Boring Location: Valley Blvd & Willow, Rialto

Date of Drilling: 12/28/2021 | **Groundwater Depth:** None Encountered

Drilling Method: Drill Rig

Hammer Weight: 140 lbs | **Drop:** 30"

Surface Elevation: Not Measured

Depth (feet)	Lith-ology	Material Description	Samples: Type	Samples: Blow Counts	Laboratory: Moisture	Laboratory: Dry Density	Laboratory: Fines Content %
0		3.5" Asphaltic Concrete					
		FILL Silty (fine to coarse grained) SAND with gravel and occasional cobble Brown, medium dense, damp					
		NATURAL Gravelly SAND, silty with occasional cobble Brown, dense, dry to damp	■	21/27	2.6	126.7	
5		Slightly silty (medium to coarse grained) SAND with gravel, rock and occasional cobble Brown, dense, damp					
		GWT not encountered					
10		Boring completed at depth of 10'					
15							
20							
25							
30							
35							

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\PROJECT\23007-21.log Date: 2/26/2022

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23007-21

Log of Boring B-6

Boring Location: Valley Blvd & Willow, Rialto

Date of Drilling: 12/28/2021 | **Groundwater Depth:** None Encountered

Drilling Method: Drill Rig

Hammer Weight: 140 lbs | **Drop:** 30"

Surface Elevation: Not Measured

Depth (feet)	Lith-ology	Material Description	Samples: Type	Samples: Blow Counts	Laboratory: Moisture	Laboratory: Dry Density	Laboratory: Fines Content %
0		FILL					
		Silty (fine to coarse grained) SAND with gravel and occasional cobble					
		Brown, medium dense, damp					
		NATURAL					
		Gravelly SAND, silty with occasional cobble					
		Brown, medium dense, dry					
5		Boring completed at depth of 5'	■	8/8	0.9	124.8	
10							
15							
20							
25							
30							
35							

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\PROJECT\23007-21.log Date: 2/25/2022

Patriot Partners
23007-21

Log of Boring B-7

Boring Location: Valley Blvd & Willow, Rialto

Date of Drilling: 12/28/2021 | **Groundwater Depth:** None Encountered

Drilling Method: Drill Rig

Hammer Weight: 140 lbs | **Drop:** 30"

Surface Elevation: Not Measured

Depth (feet)	Lith-ology	Material Description	Samples: Type	Samples: Blow Counts	Laboratory: Moisture	Laboratory: Dry Density	Laboratory: Fines Content %
0		FILL Silty (fine to coarse grained) SAND with gravel and occasional cobble Brown, medium dense, damp					
		NATURAL Gravelly SAND, silty with occasional cobble Brown, dense, dry	■	17/22	1.6	122.4	
5		Slightly silty (fine to coarse grained) SAND with gravel, rock and occasional cobble Brown, dense, dry	■	19/27	1.8	118.3	
10		Boring completed at depth of 10'					
15							
20							
25							
30							
35							

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\PROJECT\23007-21.log Date: 2/25/2022

Patriot Partners 23007-21	Log of Boring B-8

Boring Location: Valley Blvd & Willow, Rialto	
Date of Drilling: 12/28/2021	Groundwater Depth: None Encountered
Drilling Method: Drill Rig	
Hammer Weight: 140 lbs	Drop: 30"
Surface Elevation: Not Measured	

Depth (feet)	Lith-ology	Material Description	Samples		Laboratory		
			Type	Blow Counts	Moisture	Dry Density	Fines Content %
0		FILL Silty (fine to coarse grained) SAND with gravel and occasional cobble Brown, medium dense, damp			1.0	133.1	
		NATURAL Gravelly SAND, silty with occasional cobble Brown, dense, dry					
5		Boring completed at depth of 5'					
10							
15							
20							
25							
30							
35							

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\PROJECT\23007-21.log Date: 2/25/2022

Patriot Partners
23007-21

Log of Boring B-9

Boring Location: Valley Blvd & Willow, Rialto

Date of Drilling: 12/28/2021 | **Groundwater Depth:** None Encountered

Drilling Method: Drill Rig

Hammer Weight: 140 lbs | **Drop:** 30"

Surface Elevation: Not Measured

Depth (feet)	Lith-ology	Material Description	Samples: Type	Samples: Blow Counts	Laboratory: Moisture	Laboratory: Dry Density	Laboratory: Fines Content %
0		3" Pulverized Asphalt					
		FILL					
		Silty (fine to coarse grained) SAND with gravel and occasional cobble					
		Brown, medium dense, damp					
		NATURAL					
5		Gravelly SAND, silty with occasional cobble	■	18/19	1.8	117.6	
		Brown, dense, dry to damp					
		Slightly silty (fine to coarse grained) SAND with gravel, rock, occasional cobble					
		Brown, dense, damp					
10		Boring completed at depth of 10'					
15							
20							
25							
30							
35							

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\PROJECT\23007-21.log Date: 2/25/2022

Patriot Partners 23007-21	Log of Boring B-10
Boring Location: Valley Blvd & Willow, Rialto	
Date of Drilling: 12/28/2021	Groundwater Depth: None Encountered
Drilling Method: Drill Rig	
Hammer Weight: 140 lbs	Drop: 30"
Surface Elevation: Not Measured	

Depth (feet)	Lith-ology	Material Description	Samples: Type	Samples: Blow Counts	Laboratory: Moisture	Laboratory: Dry Density	Laboratory: Fines Content %
0		3.5" Asphaltic Concrete					
		FILL Silty (fine to coarse grained) SAND with gravel and occasional cobble Brown, medium dense, damp					
		NATURAL Gravelly SAND, silty with occasional cobble Brown, dense, dry to damp	■	19/29	2.3	118.5	
5		Slightly silty (fine to coarse grained) SAND with gravel, rock and occasional cobble Brown, dense, damp	■	17/23	1.7	128.1	
10			■	25/26	2.6	121.9	
		Silty (fine to coarse grained) SAND with gravel, rock Brown, dense, damp	■	26/28	3.2	119.0	
15							
		Gravelly (fine to coarse grianed) SAND with gravel Brown, dense, damp					
20			■	11/27	2.7	116.9	
		Boring completed at depth of 20.5'					
25							
30							
35							

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\PROJECT\23007-21.log Date: 2/25/2022

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Patriot Partners 23007-21	Log of Boring B-11

Boring Location: Valley Blvd & Willow, Rialto	
Date of Drilling: 12/28/2021	Groundwater Depth: None Encountered
Drilling Method: Drill Rig	
Hammer Weight: 140 lbs	Drop: 30"
Surface Elevation: Not Measured	

Depth (feet)	Lith-ology	Material Description	Samples		Laboratory		
			Type	Blow Counts	Moisture	Dry Density	Fines Content %
0		FILL Silty (fine to coarse grained) SAND with gravel and occasional cobble Brown, medium dense, damp					
		NATURAL Gravelly SAND, silty with occasional cobble Brown, dense, dry to damp					
5		Boring completed at depth of 5'	■	17/23	1.9	123.5	
10							
15							
20							
25							
30							
35							

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\PROJECT\23007-21.log Date: 2/26/2022

Appendix B
Laboratory Tests

TABLE I
MAXIMUM DENSITY TESTS

Sample	Classification	Optimum Moisture (%)	Maximum Dry Density (lbs/cu.ft)
B-8 @ 2'	Gravelly Silty SAND	6.5	131.0

TABLE II
EXPANSION TESTS

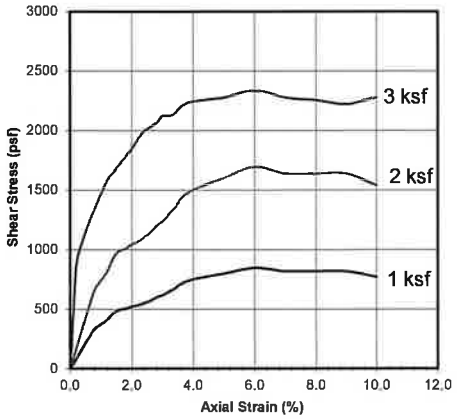
Sample	Classification	Expansion Index
B-8 @ 2'	Gravelly Silty SAND	00

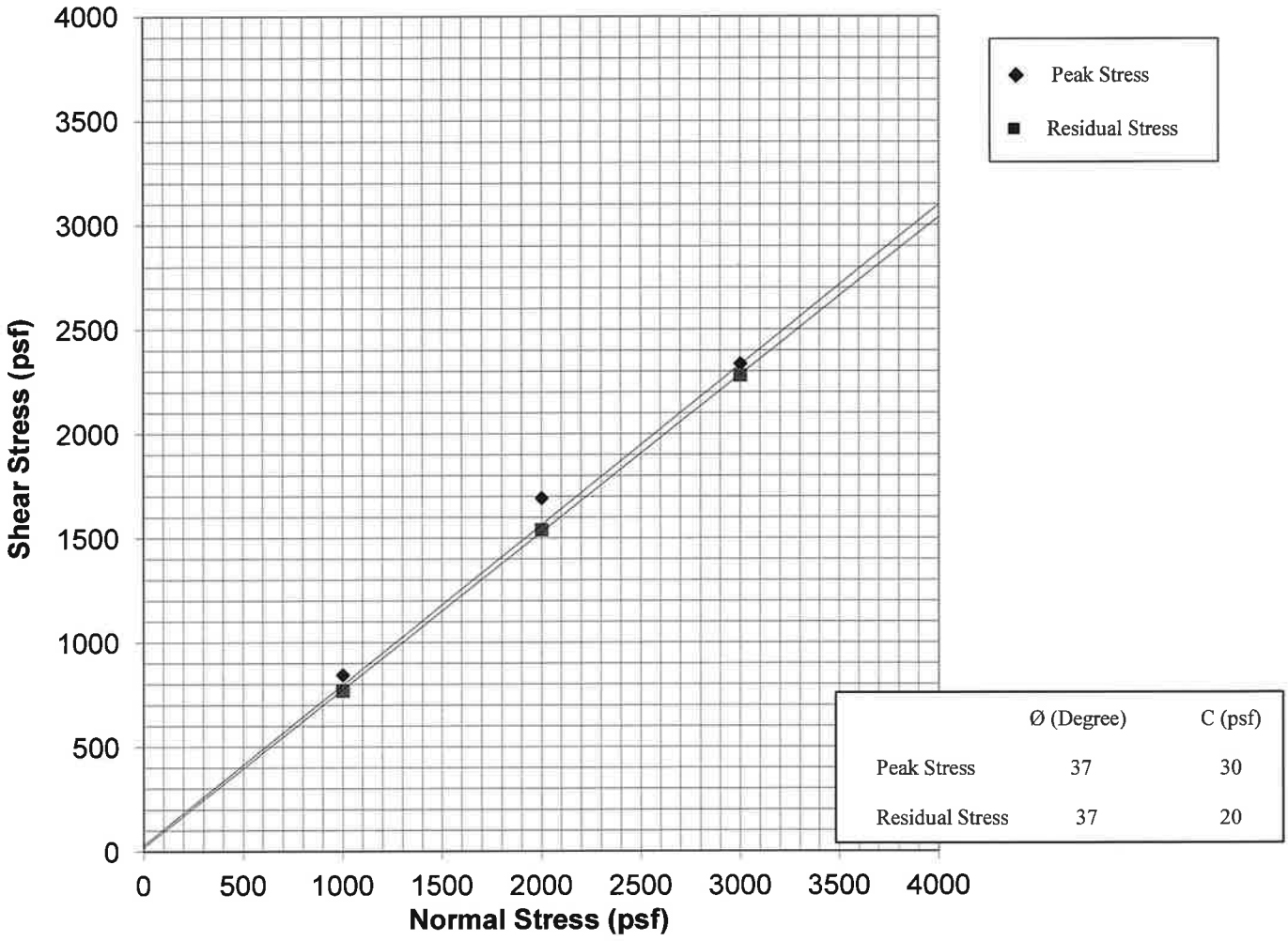
TABLE III
CORROSION TESTS

Sample	pH	Electrical Resistivity	Sulfate (%)	Chloride (ppm)
B-8 @ 1'	6.9	775	0.0309	330

% by weight
ppm – mg/kg

Sample No.		B8@2'		
Sample Type:		Undisturbed/Saturated		
Soil Description:		Fine-Coarse Grained Sand w/ Some Gravel & Trace Silt		
		1	2	3
Normal Stress	(psf)	1000	2000	3000
Peak Stress	(psf)	846	1692	2336
Displacement	(in)	0.150	0.150	0.150
Residual Stress	(psf)	770	1540	2280
Displacement	(in.)	0.250	0.250	0.250
In Situ Dry Density	(pcf)	133.1	133.1	133.1
In Situ Water Content	(%)	1.0	1.0	1.0
Saturated Water Content	(%)	9.8	9.8	9.8
Strain Rate	(in/min)	0.020	0.020	0.020





	Ø (Degree)	C (psf)
Peak Stress	37	30
Residual Stress	37	20

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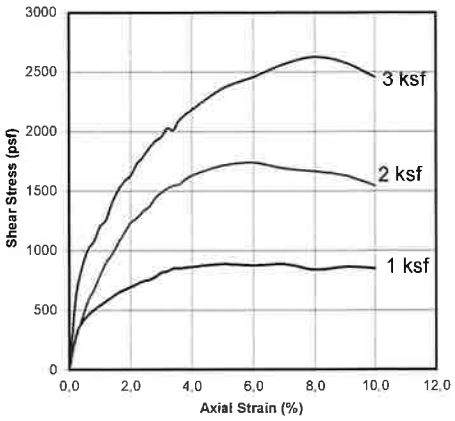
PROJECT NUMBER: 23007-21 DATE: 1/24/2022

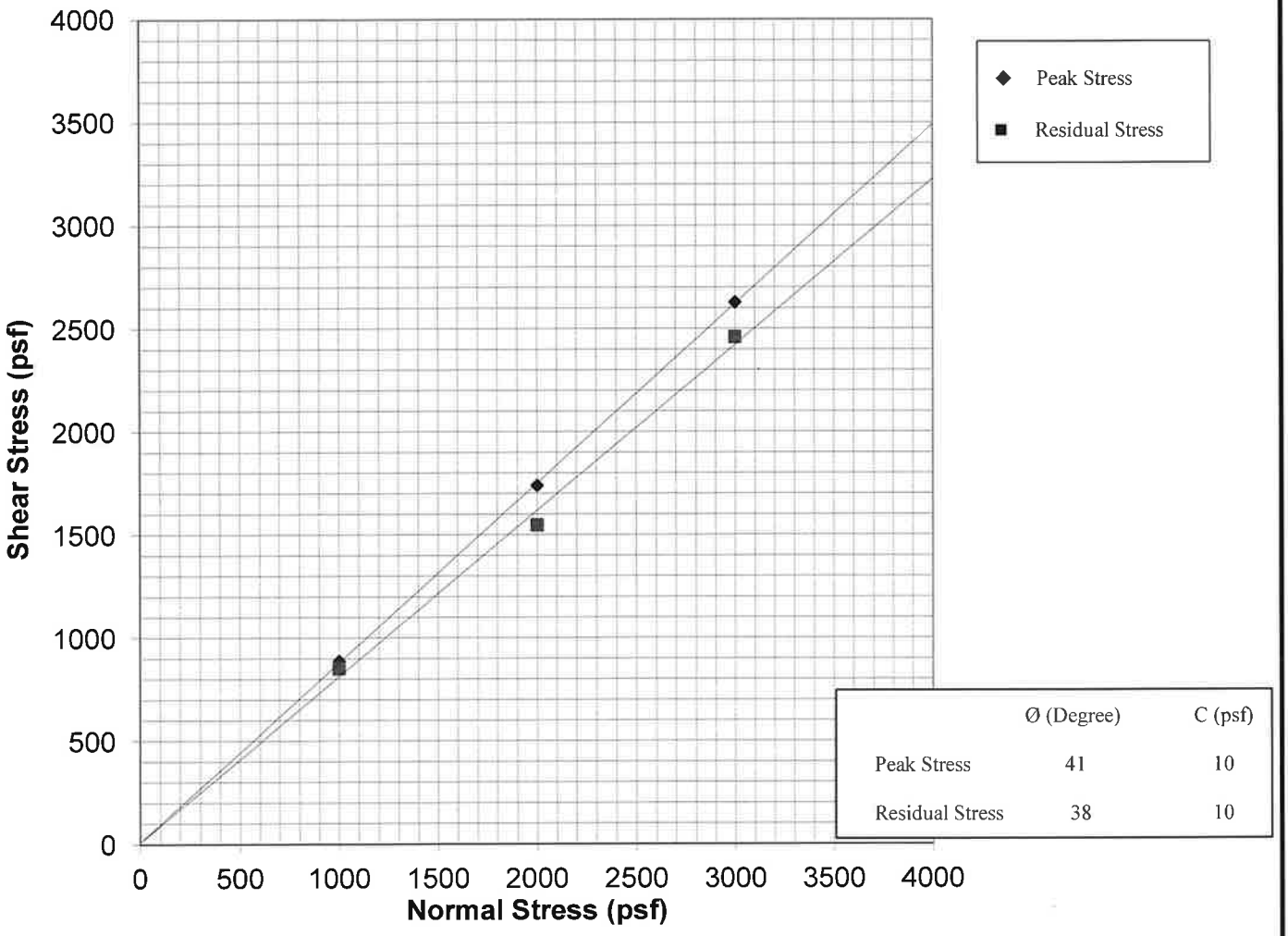
DIRECT SHEAR TEST

ASTM D3080

Plate A

Sample No.		B10@3'		
Sample Type:		Undisturbed/Saturated		
Soil Description:		Fine-Very Coarse Grained Sand w/ Some Small Gravel & Trace Silt		
		1	2	3
Normal Stress	(psf)	1000	2000	3000
Peak Stress	(psf)	888	1740	2628
Displacement	(in.)	0.125	0.150	0.200
Residual Stress	(psf)	852	1548	2460
Displacement	(in.)	0.250	0.250	0.250
In Situ Dry Density	(pcf)	118.5	118.5	118.5
In Situ Water Content	(%)	2.3	2.3	2.3
Saturated Water Content	(%)	15.6	15.6	15.6
Strain Rate	(in/min)	0.020	0.020	0.020





	Ø (Degree)	C (psf)
Peak Stress	41	10
Residual Stress	38	10

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PROJECT NUMBER: 23007-21 DATE: 1/24/2022

DIRECT SHEAR TEST

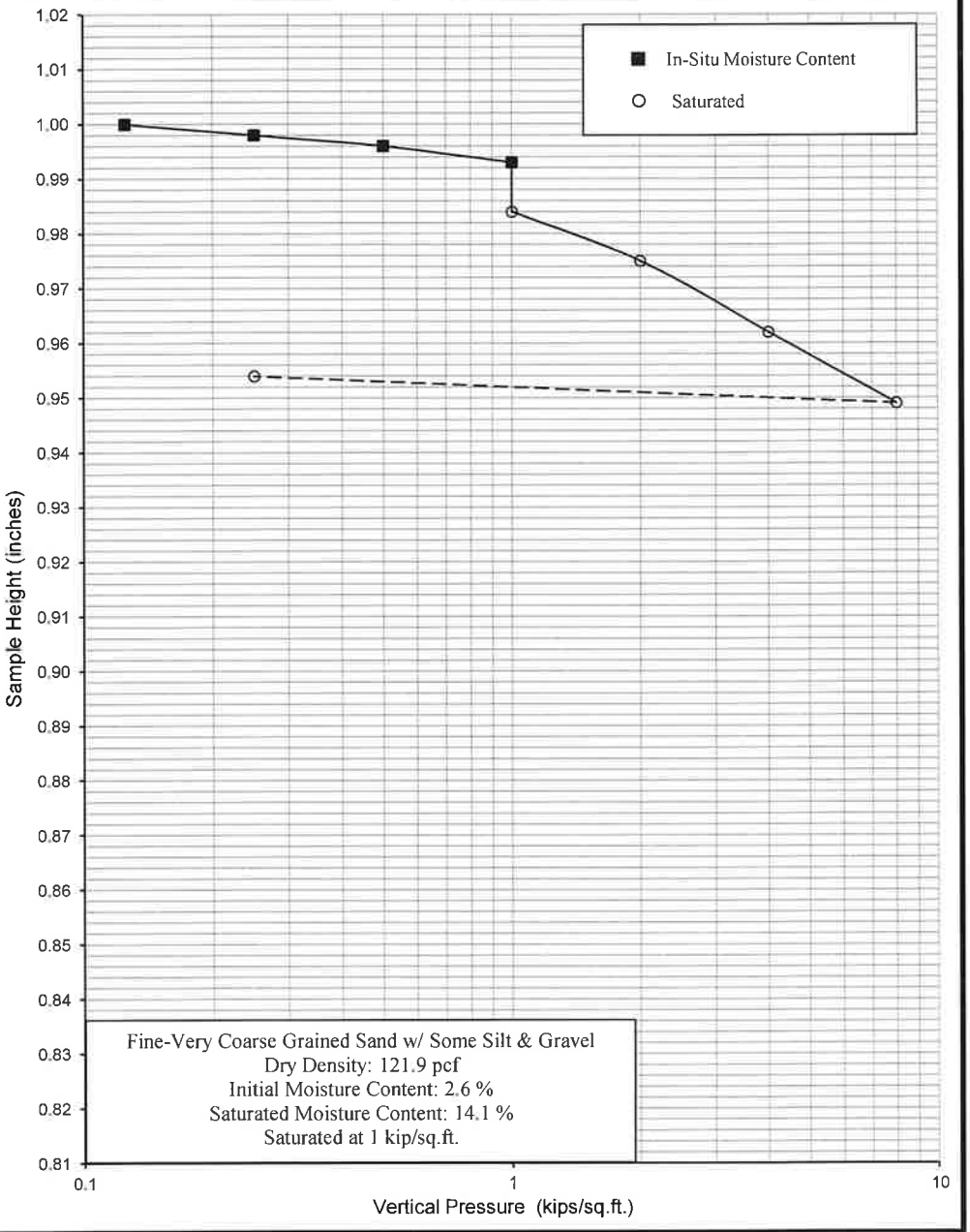
ASTM D3080

Plate B

Vertical Pressure (kips/sq.ft.)	Sample Height (inches)	Consolidation (percent)	
0.125	1.0000	0.0	
0.25	0.9980	0.2	
0.5	0.9960	0.4	
1	0.9930	0.7	
1	0.9840	1.6	Saturated
2	0.9750	2.5	
4	0.9620	3.8	
8	0.9490	5.1	
0.25	0.9540	4.6	

Sample No.	B10	Depth	10'	Date	1/24/2022

Date Tested: 1/17/2022
Sample: B10
Depth: 10'



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PROJECT NUMBER: 23007-21 DATE: 1/24/2022

CONSOLIDATION TEST

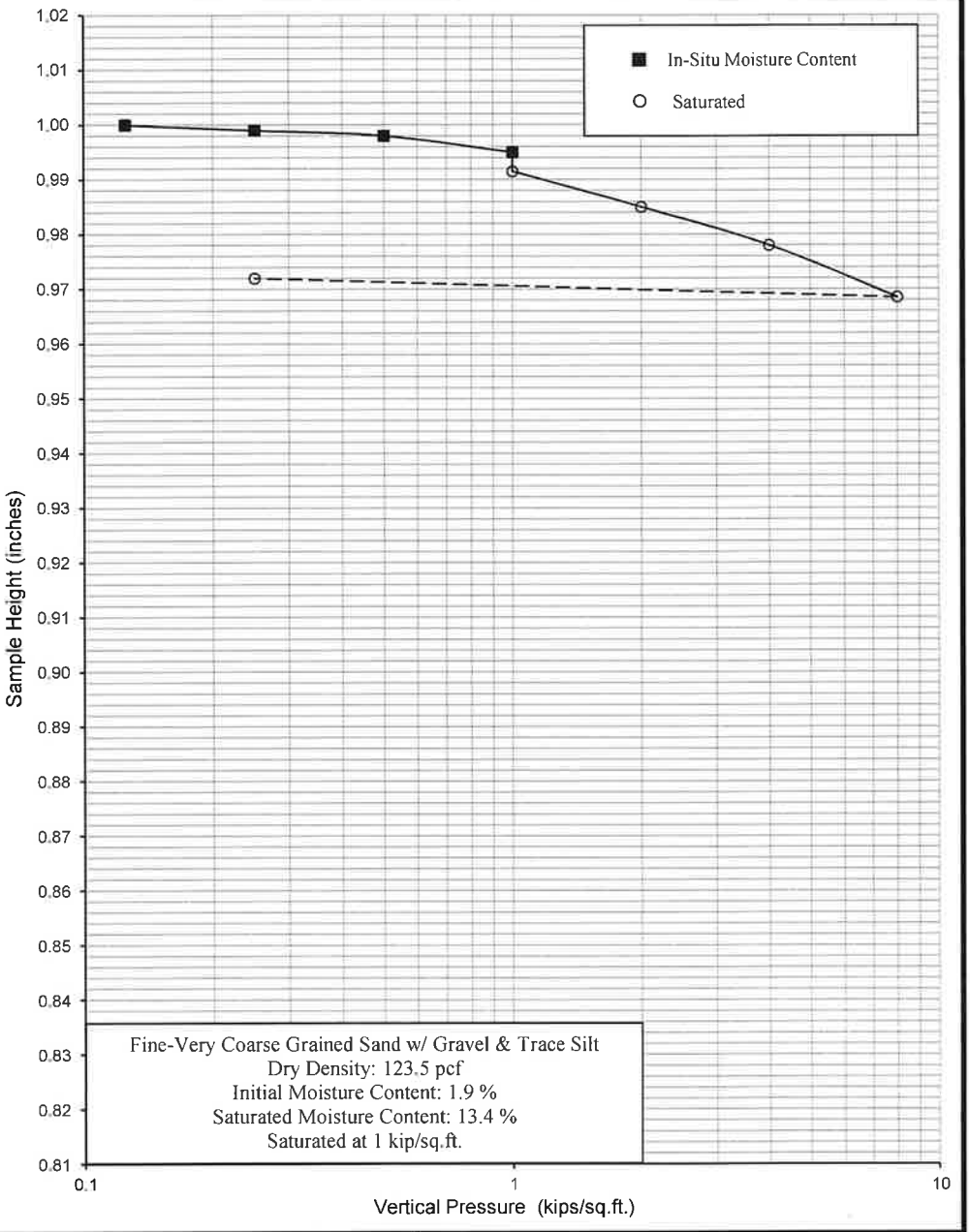
ASTM D2435

Plate C

Vertical Pressure (kips/sq.ft.)	Sample Height (inches)	Consolidation (percent)	
0.125	1.0000	0.0	
0.25	0.9990	0.1	
0.5	0.9980	0.2	
1	0.9950	0.5	
1	0.9915	0.8	
2	0.9850	1.5	
4	0.9780	2.2	
8	0.9685	3.2	
0.25	0.9720	2.8	Saturated

Sample No.	B11	Depth	5'	Date	1/24/2022

Date Tested: 1/17/2022
Sample: B11
Depth: 5'



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SOILS AND GEOTECHNICAL CONSULTANTS

Patriot Development Partners

PROJECT NUMBER: 23007-21 DATE: 1/24/2022

CONSOLIDATION TEST

ASTM D2435

Plate D

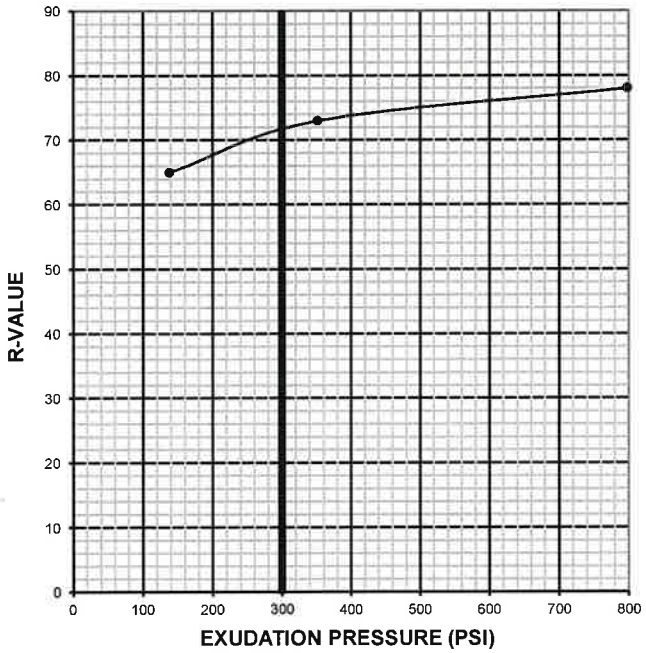
R-VALUE TEST REPORT

☑ CT-301 ☐ ASTM-D2844

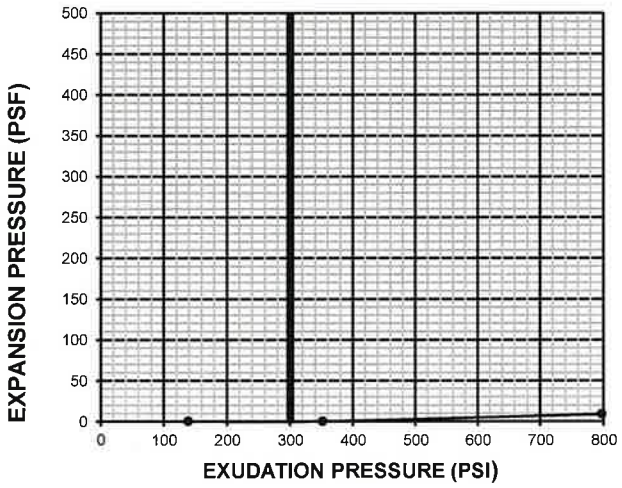
PROJECT NAME:	Norcal Patriot Development Partners	PROJECT NUMBER:	L-220101
SAMPLE LOCATION:	SEC of Valley Blvd and Wilow Ave, Rialto. CA	SAMPLE NUMBER:	B-1 (93007-21)
SAMPLE DESCRIPTION:	Silty Sand with Gravel (SM), dark brown	SAMPLE DEPTH:	2'
SAMPLED BY:	JS 12/28/21	TESTED BY:	JPG
		DATE TESTED:	1/10/2022

TEST SPECIMEN	A	B	C
MOISTURE AT COMPACTION %	9.3	8.2	7.7
WEIGHT OF SAMPLE, grams	1053	1035	1046
HEIGHT OF SAMPLE, Inches	2.34	2.38	2.31
DRY DENSITY, pcf	124.8	121.8	127.4
COMPACTOR AIR PRESSURE, psi	300	325	350
EXUDATION PRESSURE, psi	139	352	798
EXPANSION, Inches x 10exp-4	0	0	2
STABILITY Ph 2,000 lbs (160 psi)	34	25	20
TURNS DISPLACEMENT	4.20	4.15	4.11
R-VALUE UNCORRECTED	69	76	81
R-VALUE CORRECTED	65	73	78
EXPANSION PRESSURE (psf)	0.0	0.0	8.6

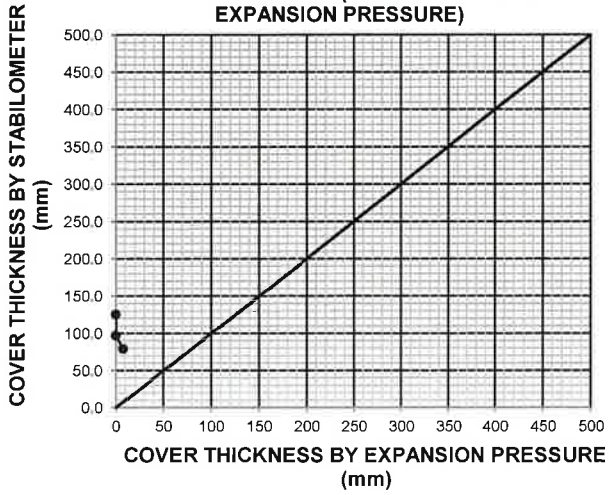
R-VALUE VS. EXUDATION PRESSURE



EXPANSION PRESSURE VS. EXUDATION PRESSURE



COVER THICKNESS (STABILOMETER BY EXPANSION PRESSURE)



R-VALUE AT EQUILIBRIUM:	72

R-VALUE BY EXUDATION PRESSURE:	72
R-VALUE BY EXPANSION PRESSURE:	N.A.
EXPANSION PRESSURE AT 300 PSI EXUDATION:	0
TRAFFIC INDEX (Assumed):	5.5
GRAVEL FACTOR (Assumed):	1.5
UNIT MASS OF COVER MATERIAL, kg/m^3 (Assumed):	2100.0

Appendix C
Seismic Design Report

NorCal Engineering

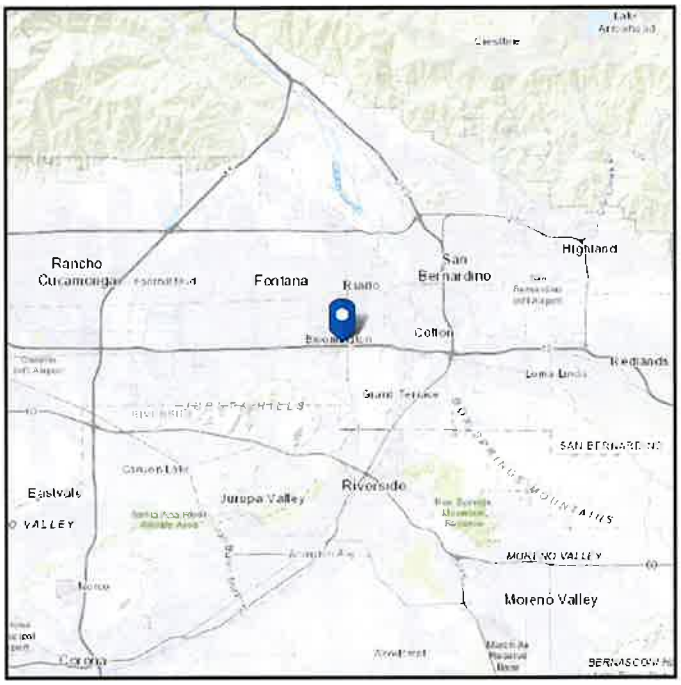
ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-22
Risk Category: II
Soil Class: D - Stiff Soil

Elevation: 1063.81 ft (NAVD 88)
Latitude: 34.070292
Longitude: -117.374337





ASCE
AMERICAN SOCIETY OF CIVIL ENGINEERS

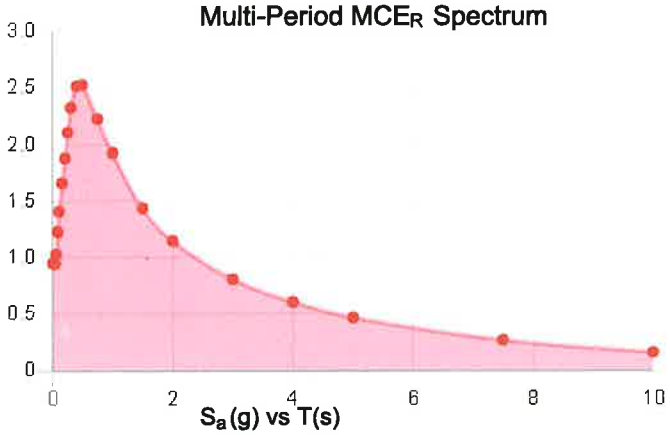
Seismic

Site Soil Class:

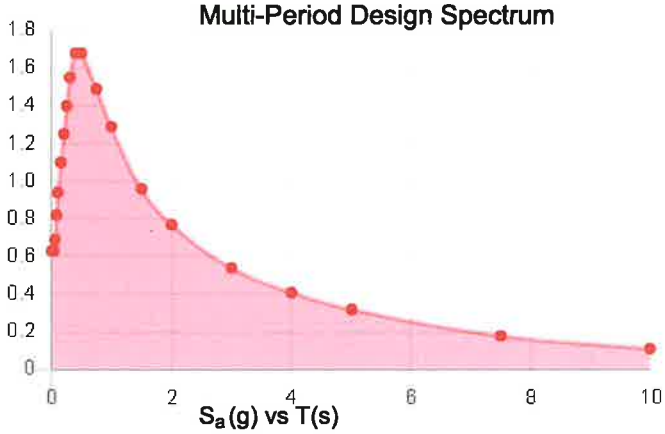
Results:

PGA_M :	0.79	T_L :	8
S_{MS} :	2.27	S_S :	2.25
S_{M1} :	2.2	S_1 :	0.83
S_{DS} :	1.52	S_{DC} :	
S_{D1} :	1.46	V_{S30} :	260

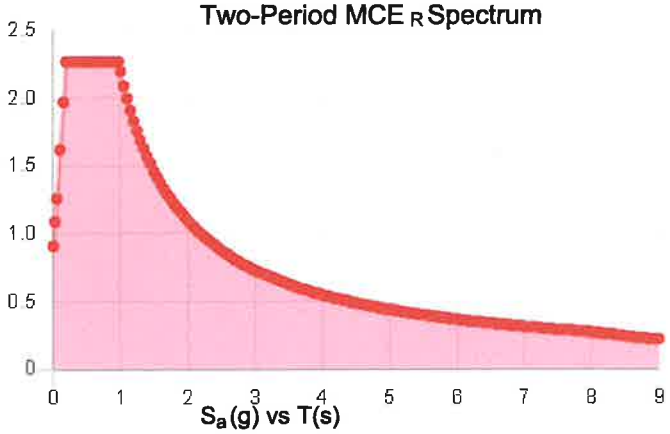
Multi-Period MCE_R Spectrum



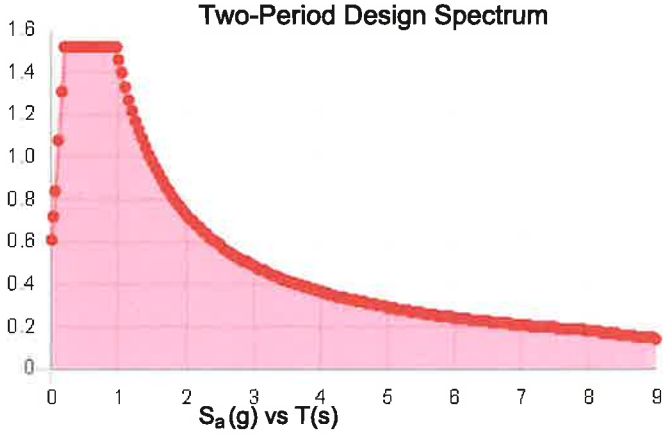
Multi-Period Design Spectrum



Two-Period MCE_R Spectrum



Two-Period Design Spectrum



MCE_R Vertical Response Spectrum

Vertical ground motion data has not yet been made available by USGS.

Design Vertical Response Spectrum

Vertical ground motion data has not yet been made available by USGS.

Data Accessed: Fri Feb 25 2022

Date Source:
USGS Seismic Design Maps based on ASCE/SEI 7-22 and ASCE/SEI 7-22 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-22 Ch. 21 are available from USGS.

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Appendix D
Soil Infiltration Data

NORCAL ENGINEERING
SOILS AND GEOTECHNICAL CONSULTANTS

PERCOLATION TEST DATA

Client: Patriot Partners	**Tested By:** N.M.
Project No.: 23007-21	**Date Tested:** 12/28/2021
Test Hole: 1	**Caving:**
Depth of Test Hole: 5'	**Notes:**
Diameter of Test Hole: 8"	**Strata Peculiarities:**
Date Excavated: 12/28/2021	

Sandy Soil Criteria Test

TIME	TRIAL NO.	T1	H1	H2	D
10:03	1	30	0.0	58.0	58.0
10:33					
10:33	2	30	0.0	53.5	53.5
11:03					

____Soil Criteria

TIME	T1	TE	H1	H2	D
11:03	10	10	0.0	26.0	26.0
11:13					
11:13	10	20	0.0	24.0	24.0
11:23					
11:23	10	30	0.0	24.0	24.0
11:33					
11:33	10	40	0.0	23.0	23.0
11:43					
11:43	10	50	0.0	23.0	23.0
11:53					
11:53	10	60	0.0	22.0	22.0
12:03					
12:03	10	70	0.0	22.5	22.5
12:13					
12:13	10	80	0.0	22.0	22.0
12:23					
12:23	10	90	22.0	36.0	14.0
12:33					
12:33	10	100	36.0	51.5	15.5
12:43					

T1 – Time Interval (min) **TE – Total Elapsed Time (min)** **H1 – Initial Water Level**
H2 – Final Water Level (in) **D – Change in H_2O Level (in)**

NORCAL ENGINEERING
SOILS AND GEOTECHNICAL CONSULTANTS

PERCOLATION TEST DATA

Client: Patriot Partners	**Tested By:** J.O.
Project No.: 23007-21	**Date Tested:** 12/28/2021
Test Hole: 2	**Caving:**
Depth of Test Hole: 10'	**Notes:**
Diameter of Test Hole: 8"	**Strata Peculiarities:**
Date Excavated: 12/28/2021	

Sandy Soil Criteria Test

TIME	TRIAL NO.	T1	H1	H2	D
11:14	1	21	0.0	120.0	120.0
11:35					
11:35	2	28	0.0	120.0	120.0
12:03					

____Soil Criteria

TIME	T1	TE	H1	H2	D
12:03	10	10	0.0	104.0	104.0
12:13					
12:13	10	20	0.0	104.0	104.0
12:23					
12:23	10	30	0.0	103.0	103.0
12:33					
12:33	10	40	0.0	102.5	102.5
12:43					
12:43	10	50	0.0	102.5	102.5
12:53					
12:53	10	60	0.0	102.0	102.0
1:03					
1:03	10	70	0.0	101.0	101.0
1:13					
1:13	10	80	0.0	99.5	99.5
1:23					
1:23	10	90	99.5	109.5	10.0
1:33					
1:33	10	100	109.5	115.0	5.5
1:43					

T1 – Time Interval (min) **TE – Total Elapsed Time (min)** **H1 – Initial Water Level**
H2 – Final Water Level (in) **D – Change in H_2O Level (in)**

SOIL INFILTRATION RATE CALCS ⇒ Auger Boring

Location:	TH-1	TH-2
• Depth =	5.0'	10.0'
• Hole Dia. =	8"	8"
• Drop = Δd	29.5"	15.5"
• Time = Δt Interval	20 min	20 min
• Preadjusted Perc. Rate	88.5 in/hr	46.5 in/hr
• Initial Water Depth = d_1	38"	20.5"
• Reduction Factor = R_f	6.8	4.2
• INFILTRATION RATE	13.0 in/hr	11.1 in/hr

$$\text{Infiltration Rate} = \frac{\text{Preadjusted Perc. Rate}}{\text{Reduction Factor}}$$

$$\text{Reduction Factor} = R_f = \left[\frac{2 \cdot d_1 - \Delta d}{\text{Dia.}}\right] + 1$$

NorCal Engineering
SOILS AND GEOTECHNICAL CONSULTANTS

DATE

Appendix D-2

Supplemental Soil Infiltration Study

NorCal Engineering

Soils and Geotechnical Consultants
10641 Humbolt Street Los Alamitos, CA 90720
(562) 799-9469 Fax (562) 799-9459

June 23, 2022 Project Number 23007-21

Patriot Partners
12126 W. Sunset Boulevard
Los Angeles, California 90049-4145

Attn: Kevin Rice

RE: **Supplemental Soil Infiltration Study** - Proposed Industrial Warehouse Development - Located at the Southeast Corner of Valley Boulevard and Willow Avenue, in the City of Rialto, California

Dear Mr. Rice:

Pursuant to your request, this firm has performed a Supplemental Soil Infiltration Study for the above referenced project in accordance with your approval of our proposal dated April 22, 2022. The purpose of this study is to further evaluate the feasibility of an on-site water disposal system for the proposed industrial development. The test locations and depths were provided by Huitt-Zollars, Inc., as shown on the attached plan. The scope of work included the following: 1) site reconnaissance; 2) subsurface geotechnical exploration; 3) soil infiltration testing; 4) engineering analysis of field and laboratory data; and 5) preparation of a report.

The 6.19-acre subject property is located at the southeast Corner of West Valley Boulevard and South Willow Avenue, bordered by South Alicia Avenue to the east and the I-10 Freeway to the south, in the City of Rialto. The generally rectangular shaped parcel is elongated in an east to west direction and is relatively level with topography of the property descending gradually from north to south on the order of a few feet. The northwest corner of the site is currently occupied by four small metal buildings with areas of asphaltic pavement currently being utilized for tractor/trailer storage.

The northeast corner of the site is currently occupied by a single-story commercial building with asphaltic pavement and associated improvements. The south end of the site is currently occupied by an abandoned metal building and asphaltic pavement, a large billboard is situated on the southwest corner of the site with a small, single-story structure.

It is proposed to construct an industrial warehouse development consisting of 143,674 square feet building on the 6.19-acre site as shown on the attached Site Plan. The proposed concrete tilt-up building will be supported by a conventional slab-on-grade foundation system with perimeter-spread footings and isolated interior footings. Other improvements will include asphalt and concrete pavement areas, hardscape and landscaping.

The proposed grading will consist of minor cuts and fill procedures to achieve finished grade elevations. Final building plans shall be reviewed by this firm prior to submittal for city approval to determine the need for any additional study and revised recommendations pertinent to the proposed development, if necessary.

Field Exploration and Testing

The field exploration consisted of two (2) exploratory borings by a truckmounted hollow stem auger to depths of 10 and 15 feet below the ground surface (bgs) to determine the subsurface soil conditions. The site was found to be underlain by a fill and alluvial deposits consisting of a brown, fine to coarse grained, silty to slightly silty SAND with gravel and occasional cobble. The native soils were noted to be medium dense and dry to damp. No groundwater was encountered to the depth of our borings. The location of the exploratory borings are shown on the attached Site Plan. Detailed description of the subsurface soils is shown on the attached boring logs in Appendix A.

Results of Field Infiltration Tests

Infiltration tests within the site were performed to provide preliminary infiltration rates for the purpose of planning and design of an on-site water disposal system. A truck mounted Simco 2800 Drill Rig equipped with a hollow stem auger was used to excavate the exploratory borings to depths of 10 and 15 feet below existing ground surface. The borings consisted of eight-inch diameter test holes. A three-inch diameter perforated PVC casing with solid end cap was installed in the borings and then surrounded with gravel materials to prevent caving.

The infiltration holes were carefully filled with clean water and refilled after two initial readings. Based upon the initial rates of infiltration at each location, test measurements were measured at 10-minute maximum intervals thereafter. Measurements were obtained by using an electronic tape measure with 1/16-inch divisions and timed with a stopwatch.

The field infiltration rate was computed using a reduction factor – R_f based on the field measurements with our calculations given in Appendix B. Based upon the results of our testing, the soils encountered in the planned on-site drainage disposal system area exhibit the following infiltration rates.

Boring/Test No.	Depth	Soil Classification	Field Infiltration Rate
B-1/TH-1	10'	Slightly Silty SAND	5.8 in/hr
B-2/TH-2	15'	Slightly Silty SAND	6.6 in/hr

The correction factors CF_t, CF_v and CF_s are given below based on soils from our field test.

a) CF_v = 1.0 based on uniform soils encountered for infiltration tests

b) CF_s = 2.0 for long-term siltation, plugging and maintenance. The subsurface soils are likely to have some plugging and regular maintenance of storm water discharge devices is required.

All systems must meet the latest city and/or county specifications and the California Regional Water Quality Control Board (CRWQCB) requirements. It is recommended that foundations shall be setback a minimum distance of 10 feet from the drainage disposal system and the bottom of footing shall be a minimum of 10 feet from the expected zone of saturation. The boundary of the zone of saturation may be assumed to project downward from the top of the permeable portion of the disposal system at an inclination of 1 to 1 or flatter, as determined by the geotechnical engineer.

Closure

The recommendations and conclusions contained in this report are based upon the soil conditions uncovered in our test excavation. No warranty of the soil condition between our excavations is implied. NorCal Engineering should be notified for possible further recommendations if unexpected to unfavorable conditions are encountered during construction phase.

This firm should have the opportunity to review the final plans to verify that all our recommendations are incorporated. This report and all conclusions are subject to the review of the controlling authorities for the project. Our representative should be present during the grading operations and construction phase to certify that such recommendations are complied within the field.

This geotechnical investigation has been conducted in a manner consistent with the level of care and skill exercised by members of our profession currently practicing under similar conditions in the Southern California area. No other warranty, expressed or implied is made.

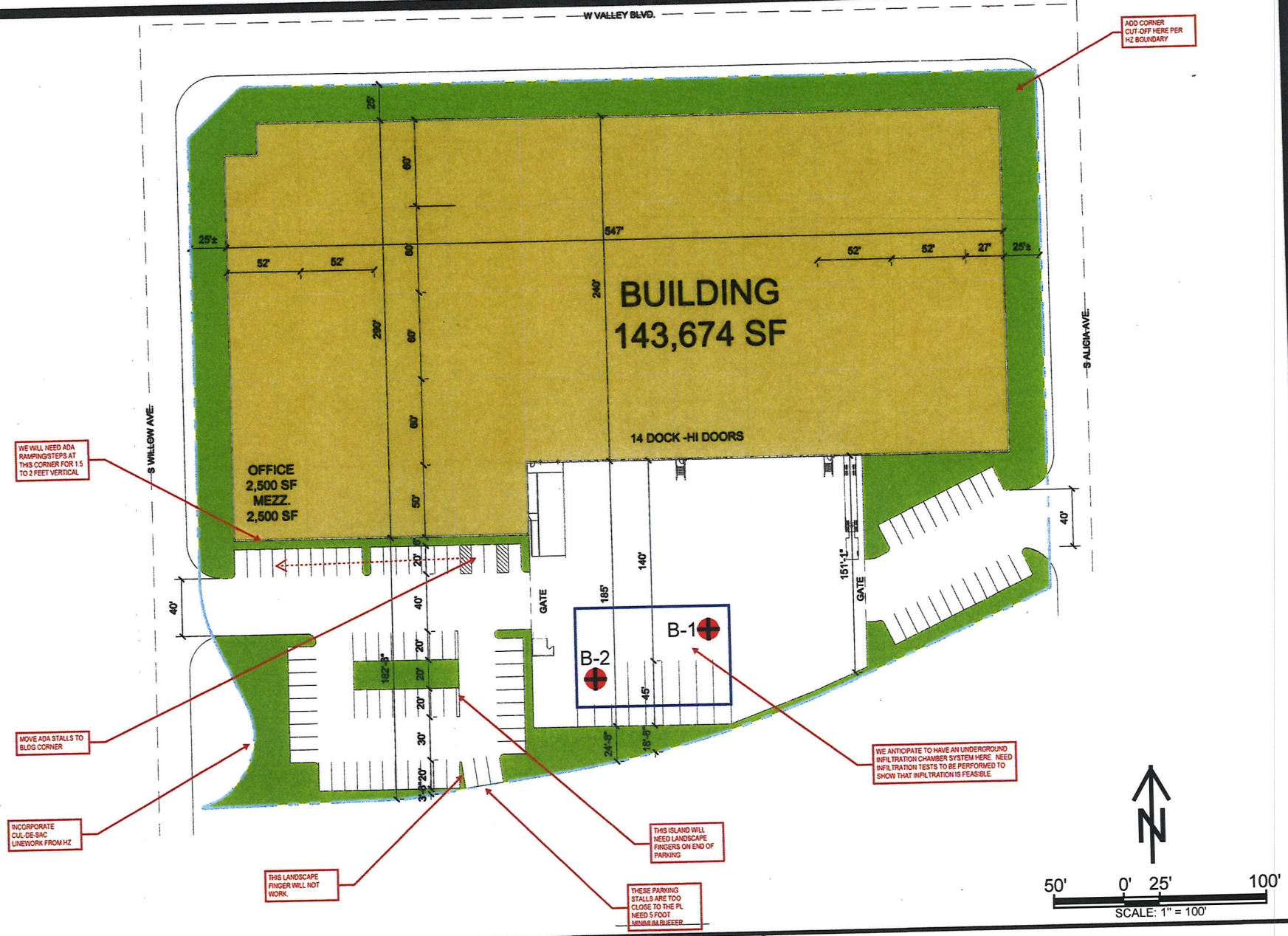
We appreciate this opportunity to be of service to you. If you have any further questions, please do not hesitate to contact the undersigned.

Respectfully submitted,
NORCAL ENGINEERING

Keith D. Tucker
Project Engineer
R.G.E. 841

REGISTERED PROFESSIONAL ENGINEER
KEITH D. TUCKER
No. 841
Exp. 12/31/2022
GEOTECHNICAL
STATE OF CALIFORNIA

Mike Barone
Project Manager



NorCal Engineering
SOILS AND GEOTECHNICAL CONSULTANTS

PATRIOT PARTNERS

PROJECT: 23007-21 | DATE: JUNE 2022

SITE PLAN

List of Appendices
(in order of appearance)

Appendix A – Log of Excavations

Log of Borings B-1 to B-2

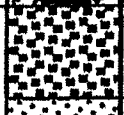
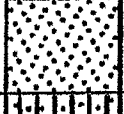
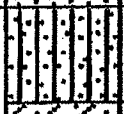
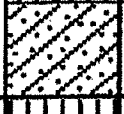
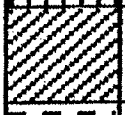
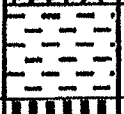
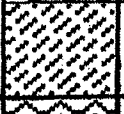
Appendix B – Soil Infiltration Data

Field Test Data

Infiltration Test Calculations

Appendix A
Log of Excavations

NorCal Engineering

MAJOR DIVISION			GRAPHIC SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL, SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	SAND AND SANDY SOILS	CLEAN SAND (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
	MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SANDS WITH FINE (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND-SILT MIXTURES
				SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

UNIFIED SOIL CLASSIFICATION SYSTEM

KEY:

 Indicates 2.5-inch Inside Diameter. Ring Sample.

 Indicates 2-inch OD Split Spoon Sample (SPT).

 Indicates Shelby Tube Sample.

 Indicates No Recovery.

 Indicates SPT with 140# Hammer 30 in. Drop.

 Indicates Bulk Sample.

 Indicates Small Bag Sample.

 Indicates Non-Standard

 Indicates Core Run.

COMPONENT PROPORTIONS

DESCRIPTIVE TERMS	RANGE OF PROPORTION
Trace	1 - 5%
Few	5 - 10%
Little	10 - 20%
Some	20 - 35%
And	35 - 50%

COMPONENT DEFINITIONS

COMPONENT	SIZE RANGE
Boulders	Larger than 12 in
Cobbles	3 in to 12 in
Gravel	3 in to No 4 (4.5mm)
Coarse gravel	3 in to 3/4 in
Fine gravel	3/4 in to No 4 (4.5mm)
Sand	No. 4 (4.5mm) to No. 200 (0.074mm)
Coarse sand	No. 4 (4.5 mm) to No. 10 (2.0 mm)
Medium sand	No. 10 (2.0 mm) to No. 40 (0.42 mm)
Fine sand	No. 40 (0.42 mm) to No. 200 (0.074 mm)
Silt and Clay	Smaller than No. 200 (0.074 mm)

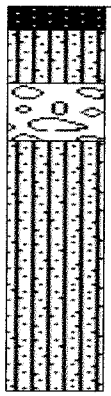
MOISTURE CONTENT

DRY	Absence of moisture, dusty, dry to the touch.
DAMP	Some perceptible moisture; below optimum
MOIST	No visible water; near optimum moisture content
WET	Visible free water, usually soil is below water table.

RELATIVE DENSITY OR CONSISTENCY VERSUS SPT N -VALUE

COHESIONLESS SOILS		COHESIVE SOILS		
Density	N (blows/ft)	Consistency	N (blows/ft)	Approximate Undrained Shear Strength (psf)
Very Loose	0 to 4	Very Soft	0 to 2	< 250
Loose	4 to 10	Soft	2 to 4	250 - 500
Medium Dense	10 to 30	Medium Stiff	4 to 8	500 - 1000
Dense	30 to 50	Stiff	8 to 15	1000 - 2000
Very Dense	over 50	Very Stiff	15 to 30	2000 - 4000
		Hard	over 30	> 4000

Patriot Partners 23007-21	Log of Boring B-1
Boring Location: SEC. of Valley Blvd. & Willow Ave.	
Date of Drilling: 6/16/22	Groundwater Depth: None Encountered
Drilling Method: Rig	
Hammer Weight: 140 lb.	Drop: 30"
Surface Elevation:	



Depth (feet)	Lith-ology	Material Description	Samples: Type	Samples: Blow Counts	Laboratory: Moisture	Laboratory: Dry Density	Laboratory: Fines Content %
0		2.5" Aspahlt concrete over 5.5" Base					
		FILL Silty (fine to coarse grained) SAND with gravel occasional cobble Brown, medium dense, moist					
5		NATURAL Gravelly SAND, Silty with occasional cobbles Brown, dense, dry to damp					
		Slightly Slity (medium to coarse grained) SAND with gravel occasional cobble Brown, dense, damp					
10		Boring completed at depth of 10'	☒		2.5		
15							
20							
25							
30							
35							

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\23007-21.log Date: 6/20/2022

NorCal Engineering

Patriot Partners 23007-21	Log of Boring B-2

Boring Location: SEC. of Valley Blvd. & Willow Ave.	
Date of Drilling: 6/16/22	Groundwater Depth: None Encountered
Drilling Method: Rig	
Hammer Weight: 140 lb.	Drop: 30"
Surface Elevation:	

Depth (feet)	Lith-ology	Material Description	Samples		Laboratory		
			Type	Blow Counts	Moisture	Dry Density	Fines Content %
0		3" Aspahlt concrete					
		FILL Silty (fine to coarse grained) SAND with gravel occasional cobble Brown, medium dense, moist					
5		NATURAL Gravelly SAND, Silty with occasional cobbles Brown, dense, dry to damp					
		Slightly Slity (medium to coarse grained) SAND with gravel occasional cobble Brown, dense, damp					
10							
15		Boring completed at depth of 15'	☒		3.1		
20							
25							
30							
35							

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\23007-21.log Date: 6/20/2022

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Appendix B
Soil Infiltration Data

NorCal Engineering

SOIL INFILTRATION RATE CALCS ⇒ PORCHET METHOD

Location:	TH-1	TH-2
• Depth of Hole =	10.0'	15.0'
• Hole Radius =	8"	8"
• Drop = Δh	24"	35.5"
• Time = Δt Interval	20 min	20 min
• Initial Water Depth = H_o	35"	48"
• Final Water Depth = H_t	11"	12.5"
• Average Water Head = H_{avg}	23"	30.25"
• INFILTRATION RATE	5.8 in/hr	6.6 in/hr

$$\text{Infiltration Rate} = \frac{\Delta h\ (60)(r)}{\Delta t\ (r + 2 \cdot H_{avg})}$$

$$\text{Average Water Head} = \tfrac{1}{2}(H_t - H_o)$$

NorCal Engineering
SOILS AND GEOTECHNICAL CONSULTANTS

JOB NO. 23007-22 DATE JUNE, 2022

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

PERCOLATION TEST DATA

Client: Patriot Partners	**Tested By:** J.S.
Project No.: 23007-21	**Date Tested:** 6/16/22
Test Hole: 1	**Caving:**
Depth of Test Hole: 10' (120")	**Notes:**
Diameter of Test Hole: 8"	**Strata Peculiarities:**
Date Excavated: 6/16/22	

Sandy Soil Criteria Test

TIME	TRIAL NO.	T1	H1	H2	D
8:39	1	30	0.0	119.0	119.0
9:09					
9:09	2	30	0.0	116.0	116.0
9:39					

____Soil Criteria

TIME	T1	TE	H1	H2	D
9:39	10	10	0.0	92.5	92.5
9:49					
9:49	10	20	0.0	89.0	89.0
9:59					
9:59	10	30	0.0	87.0	87.0
10:09					
10:09	10	40	0.0	87.0	87.0
10:19					
10:19	10	50	0.0	86.0	86.0
10:29					
10:29	10	60	0.0	85.5	85.5
10:39					
10:39	10	70	0.0	85.0	85.0
10:49					
10:49	10	80	0.0	85.0	85.0
10:59					
10:59	10	90	85.0	101.0	16.0
11:09					
11:09	10	100	101.0	109.0	8.0
11:19					

T1 – Time Interval (min) **TE – Total Elapsed Time (min)** **H1 – Initial Water Level**
H2 – Final Water Level (in) **D – Change in H_2O Level (in)**

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

PERCOLATION TEST DATA

Client: Patriot Partners	**Tested By**: J.S.
Project No.: 23007-21	**Date Tested**: 6/16/22
Test Hole: 2	**Caving**:
Depth of Test Hole: 15' (180")	**Notes**:
Diameter of Test Hole: 8"	**Strata Peculiarities**:
Date Excavated: 6/16/22	

Sandy Soil Criteria Test

TIME	TRIAL NO.	T1	H1	H2	D
10:20	1	26	0.0	180.0	180.0
10:46					
10:46	2	30	0.0	175.5	175.5
11:16					

____Soil Criteria

TIME	T1	TE	H1	H2	D
11:16	10	10	0.0	142.0	142.0
11:26					
11:26	10	20	0.0	141.5	141.5
11:36					
11:36	10	30	0.0	135.0	135.0
11:46					
11:46	10	40	0.0	131.0	131.0
11:56					
11:56	10	50	0.0	132.5	132.5
12:06					
12:06	10	60	0.0	133.0	133.0
12:16					
12:16	10	70	0.0	132.0	132.0
12:26					
12:26	10	80	0.0	132.0	132.0
12:36					
12:36	10	90	132.0	157.5	25.5
12:46					
12:46	10	100	157.5	167.5	10.0
12:56					

T1 – Time Interval (min) **TE – Total Elapsed Time (min)** **H1 – Initial Water Level**

H2 – Final Water Level (in) **D – Change in H_2O Level (in)**

Appendix E-1

Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT

285 and 1743 South Willow Avenue
213, 241, 253, and 261 West Valley Boulevard
Assessor's Parcel Number 013217102
Rialto, California 92376

Prepared for:

Patriot Development Partners
12126 West Sunset Boulevard
Los Angeles, CA 90094

Prepared by:

Hazard Management Consulting, Inc.
211 W. Avenida Cordoba, Suite 200
San Clemente, CA 92672
(949) 361-3902

January 7, 2022

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Executive Summary

Hazard Management Consulting, Inc. (HMC) is pleased to submit this Environmental Site Assessment (ESA) for the property referenced above in the City of Rialto, California (Site) (Figures 1 & 2). This ESA was prepared to evaluate the Site for potential Recognized Environmental Conditions (RECs) that may be present and was conducted as part of your efforts to acquire the Site. The Site measures approximately 6.41-acres and is comprised of ten parcels containing an unoccupied parcel and two semi-truck staging and maintenance facilities.

The Site has historically been used by contractors such as electricians and concrete corers, autobody repair, freight hauling facilities, and a warehouse products supplier since at least 1971 according to city directory records. However, industrial uses were assessed from the review of aerial photographs since the late 1950's. Prior to these uses, the Site was noted with vacant land and residential uses.

The Site is relatively flat with an elevation of approximately 1,060 feet above mean sea level (msl) with a regional slope to the south southeast. The Site is located in the City of Rialto, San Bernardino County and is set in an industrial area on the southeast corner of West Valley Boulevard and South Willow Avenue.

The Site is bound:

- to the north by West Valley Boulevard across which is an aggregate equipment supplier and a self-storage facility;
- on the east by South Alicia Avenue and a concrete drainage channel across which is a Hometown Buffet and a gas station;
- to the south by the I-10 Freeway across which is a Union Pacific Rail Road yard; and,
- to the west by what appeared to be a vacant warehouse and JV Motorsports.

Key findings of this Phase I ESA are as follows:

- The Site was historically vacant in the earliest records reviewed. By the time of the 1949 aerial photograph, the Site appeared to be in residential use. The Site was

first noted with industrial uses by the time of the 1959 aerial photograph. Since this time, the Site has been developed with industrial structures and notable uses included trucking facilities, auto repair, and several contractors. Observations during this time reveled an area of what appeared to be dark staining on bare soil at what is now the 213 West Valley Boulevard property in the 1980's. The industrial history of the Site is considered an REC.

- The Site vicinity has historically been used as vacant and/or agricultural land since the earliest records. Over the years, the Site vicinity has been noted with industrial development first noted in 1949. Additional industrial development has been noted throughout the years.

- Automotive maintenance, poor housekeeping, moderate to heavy staining, and spills were observed at the Site during the Site reconnaissance. HMC considered these observations to be RECs;

- Records of up to five USTs were found for the Site in review of records for the Site. Three of the USTs are accounted for with records of removal. Two of these tanks were the subject of a leaking UST case closed with San Bernardino County in 2004. This former LUST case is considered a Historic REC. Removal records for up to two tanks have not been located and would be considered an REC;

- Based on the review of the available regulatory information, facilities in the Site vicinity were noted to use and store chemicals and generate associated wastes. Several upgradient facilities were noted with releases such as leaking UST cases that were subsequently cleaned up and closed with the relative oversight agency. There was no evidence the historic off Site releases affect the Site;

- The most notable upgradient facility, the WC Brown Welding, Inc./ WDLJ South Property, was noted with historic releases that included petroleum and other hydrocarbons. The county and the RWQCB oversaw the cleanup of the facility. The cleanup was closed under their authority in 2013. No evidence this historic facility has affected the Site was found;

- Given the findings of this Phase I ESA, there is a moderate potential for a vapor intrusion condition; and,

- Given the age of the structures at the Site, ACMs are likely present.

Conclusions

We have performed a Phase I Environmental Site Assessment in accordance with ASTM E1527-13 Guidelines for the property located at 285 and 1743 South Willow Avenue; 213, 241, 253, and 261 West Valley Boulevard; and, Assessor's Parcel Number 013217102 in the City of Rialto, California. **HMC considers the industrial history of the Site, reported discharge of chemicals to soil, and current uses resulting in spills and staining and unaccounted for USTs to be RECs**.

The closed LUST case at the Site was considered an HREC. No CRECs were identified.

While not an REC by ASTM standards, ACMs are likely present at the Site, given the age of the structures.

Recommendations

Based on the findings of this ESA, we recommend the following:

- A Site-wide Phase II Site Investigation as well as a geophysical survey for unaccounted USTs should be conducted;
- Records review including research for the unaccounted for USTs and the facilities at 285 South Willow Avenue and 261 West Valley Boulevard should be conducted;
- The existing spills and releases should be remediated and all chemicals removed when the tenants leave the Site; and,
- An asbestos survey should be conducted prior to any activity that may disturb suspect ACM.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
285 and 1743 South Willow Avenue
213, 241, 253, and 261 West Valley Boulevard
Assessor's Parcel Number 013217102
Rialto, California 92376

1. INTRODUCTION

Hazard Management Consulting, Inc. (HMC) is pleased to submit this Environmental Site Assessment (ESA) for the property referenced above in the City of Rialto, California (Site) (Figures 1 & 2). This ESA was prepared to evaluate the Site for potential Recognized Environmental Conditions (RECs) that may be present and was conducted as part of your efforts to acquire the Site. The Site measures approximately 6.41-acres and is comprised of ten parcels containing an unoccupied parcel and two semi-truck staging and maintenance facilities.

The Site is relatively flat with an elevation of approximately 1,060 feet above mean sea level (msl) with a regional slope to the south southeast. The Site is located in the City of Rialto, San Bernardino County and is set in an industrial area on the southeast corner of West Valley Boulevard and South Willow Avenue.

1.1. Objective

In accordance with the ASTM E 1527-13 Standard Practice for Environmental Site Assessments, the objective of the ESA is to assess, to the extent feasible under the standard, the likelihood that Recognized Environmental Conditions (RECs), as defined by ASTM, are present at the Site.

A Recognized Environmental Condition "means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies" (ASTM Standard Practice E1527-13). Performance of a Phase I ESA is intended to reduce, but not eliminate,

uncertainty regarding the potential for Recognized Environmental Conditions in connection with a property, within reasonable limits of time and cost.

All Appropriate Inquires (AAI) as defined in the Final Rule (40 CFR, Part 312), must be conducted by persons seeking the landowner liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) prior to acquiring a property or seeking or receiving federal brownfields grants under the authorities of CERCLA. The purpose of AAI, as defined in the AAI Final Rule, is to identify releases and threatened releases of hazardous substances, which cause or threaten to cause the incurrence of response costs. The U.S. Environmental Protection Agency (EPA) has stated that ASTM Standard E-1527-13 is consistent with the Standards and Practices for AAI and is compliant with the statutory criteria for AAI.

1.2. Scope of Services, Methodology and Limitations

The findings of this ESA must be viewed in recognition of certain limiting conditions. The scope of work commissioned for this project does not represent an exhaustive study, but rather a reasonable inquiry, consistent with good commercial practice, in general accordance with ASTM Practice E-1527-13.

The scope of work for this ESA included the following activities:

- A Site walk to document the current condition of the Site and neighboring facilities.
- Review of a regulatory database report.
- Review of previously prepared reports for the Site.
- Submittal of questionnaires to the current Owner and User of the report.
- Review of historical references including aerial photographs, city directories, Sanborn Maps and topographic maps.
- On-line research and file review requests concerning the Site and suspect off site sources at the State of California Regional Water Quality Control Board (RWQCB) and Department of Toxic Substances Control (DTSC) websites.

- Review of records maintained by the San Bernardino County Fire Protection District.
- Review of records kept by the South Coast Air Quality Management District.
- Review of building records kept by the City of Rialto.
- Preparation of this report of findings.

In the course of this assessment, HMC has relied on information provided by outside parties, such as regulatory agencies, previous reports and interview sources. For the purpose of this assessment, such third-party information is assumed to be accurate unless contradictory evidence is noted, and HMC does not express or imply any warranty regarding information provided by third-party sources.

2. SITE DESCRIPTION

2.1. Site Setting

The Site measures approximately 6.41-acres and is comprised of ten parcels containing an unoccupied parcel and two semi-truck staging and maintenance facilities. The Site is relatively flat with an elevation of approximately 1,060 feet above mean sea level (msl) with a regional slope to the south southeast. The Site is located in the City of Rialto, San Bernardino County and is set in an industrial area on the southeast corner of West valley Boulevard and South Willow Avenue.

The Site is bound:

- to the north by West Valley Boulevard across which is an aggregate equipment supplier and a self-storage facility;
- on the east by South Alicia Avenue and a concrete drainage channel across which is a Hometown Buffet and a gas station;
- to the south by the I-10 across which is a Union Pacific Rail Road yard; and,
- to the west by a what appeared to be a vacant warehouse and JV Motorsports.

Utilities at the Site are provided by:

- Electricity: Southern California Edison

- Natural Gas: Southern California Gas Company
- Water: Rialto Water Services
- Sewer: Rialto Water Services

2.2. Regional Geology and Hydrogeology

The Site lies within the Riverside-Arlington Subbasin which underlies part of the Santa Ana River Valley in northwest Riverside County and southwest San Bernardino County. This subbasin is bound by impermeable rocks of Box Springs Mountains on the southeast, Arlington Mountain on the south, La Sierra Heights and Mount Rubidoux on the northwest, and the Jurupa Mountains on the north. The northeast boundary is formed by the Rialto-Colton fault, and a portion of the northern boundary is a groundwater divide beneath the City of Bloomington. The Santa Ana River flows over the northern portion of the subbasin. Annual average precipitation is about 10 to 14 inches.

Groundwater in the subbasin is found chiefly in alluvial deposits. Quaternary age alluvial deposits in the subbasin consist of sand, gravel, silt, and clay deposited by the Santa Ana River and its tributaries. Near the City of Riverside, the upper 50 feet of deposits are principally clay; however, deposits near the City of Arlington have considerable sand and little clay. At the northern end of the subbasin, coarser gravels with cobbles 4 to 6 inches in diameter are common. Based on data from wells, a minimum specific yield of 15 percent was assigned to unweathered gravels at the extreme northern end of the subbasin. The specific yield increases sharply to 18 percent near the Santa Ana River, then increases gradually to a maximum of 20 percent near the City of Arlington.

A 2021 work plan for a voluntary clean-up at a nearby facility reported regional groundwater to be found at approximately 200 feet bgs and to generally flow southwest. Perched groundwater was also reported at approximately 130 feet in the Site vicinity.

2.3. Interviews and User Provided Information

The User of this report is Patriot Partners (Patriot) who is looking to acquire the Site and would be considered a “User” of the report per ASTM definitions. We requested all available information from the User.

2.4. Title Records

A Title Report was not provided to HMC for review.

2.5. User Knowledge

We interviewed Mr. Kevin Rice of Patriot who indicated that his firm has no previous knowledge or experience with the property and is unaware of any chemical spills or releases or ongoing environmental matters. He indicated that they are paying full market value for the Site.

2.6. Owner/Occupant Knowledge

The Owners or representatives of the individual properties at the Site were not available for interview with the exception of Mr. Sean Seylani of Lefoy International located at 213 West Valley Boulevard. Mr. Seylani stated that he was unaware of any adverse environmental conditions or suspect uses such as USTs.

HMC Owner Questionnaires for the individual properties were not returned to HMC for review.

2.7. Environmental Liens or Activity and Use Limitations

The best of HMC's knowledge, there are no environmental liens or AULs in relation to the Site.

3. SITE USE AND HISTORY

Past usage of the subject Site was assessed through a review of historical aerial photographs, topographic maps and an EDR search of city directories and prior reports. Sanborn maps were not generated for the Site.

3.1. Aerial Photograph Review

Aerial photographs covering the Site were obtained from Environmental Data Resources, Inc. (EDR). Photographs were available from the period 1938 through 2016. Copies of the aerial photographs are included in Appendix B.

1938	The Site was first observed to be vacant land. The Site vicinity was noted with vacant land, agricultural land, and sparse residential uses.
1949	The Site was noted with what appeared to be residential uses. Approximately five structures were noted. A parcel northwest of the Site, across what is now West Valley Boulevard, was

	noted to be in industrial use with what appeared to be a construction yard.
1953	No significant changes to the Site or the Site vicinity were noted with the exception of two additional residential structures at the Site.
1959	Several additional structures were noted at the Site. The structures and storage around them appeared to be for industrial purposes. The southern parcel at the Site was noted with outdoor storage yard for construction equipment/supplies. A significant amount of industrial development was noted in the Site vicinity.
1966	The 1966 aerial photograph was extremely grainy however a warehouse structure and increased storage of what appeared to be vehicles was able to be seen at the Site. No significant changes to the Site vicinity were noted with the exception of a warehouse first seen across what is now South Willow Avenue.
1968	Additional structures were noted at the Site in the southwest corner of the 285 Willow parcel. Around this time, the Site was reported with a construction company. Other uses reported at the Site included auto repair, contractors yards/offices, storage, and trucking. No significant changes to the Site vicinity were noted.
1975	Several structures previously observed in the northwest corner and the eastern most parcel at the Site were no longer observed at the Site. The UPRR yard was first observed south of the Site, across the Interstate 10.
1985	The Site was first seen in its current construction and orientation. The Site was seen with the current six main structures. The eastern most parcel appeared with what appeared to be a large dark stain south of the structure. The

	reported occupant of the Site at this time was Clem-Trans, a freight hauling company. The Site vicinity was noted with a small amount of industrial development with additional structures at several facilities.
1989	Increased storage of vehicles and semi-trucks and trailers were observed the Site. The dark area at the eastern property at the Site remained. Significant development was noted in the Site vicinity with warehousing and storage facilities.
1995	No significant changes to the Site or the Site vicinity were noted.
2002	The southern and eastern properties appeared to have been paved. No other significant changes to the Site or the Site vicinity were seen.
2006-16	No significant changes to the Site or the Site vicinity were noted.

3.2. Topographic Maps

Historical topographic maps were also reviewed as part of this effort and aided in interpreting the overall Site history. Although, no specific observations were made from the review of these maps.

3.3. Sanborn Maps

Sanborn maps are maps that were created for the insurance industry to document site activities in metropolitan areas of the country and were used in underwriting. They often times contain detailed information about a site. While they were prepared for insurance underwriting and were not environmental maps per se, they often times contain information that is useful in evaluating the historical use of a site. Sanborn maps were not generated for the Site.

3.4. EDR City Directory Review

EDR performed a search of the City Directory records for the Site addresses provided at the initiation of this Phase I ESA and nearby properties at approximately five-year intervals. Review of this report yielded the following findings:

1743 S. Willow Ave.	
Year	**Use**
2005-2017	General Warehouse Products
1992-2000	Tim's Mobile Truck Repair, Inc.
1986	Grumpy's Auto Body
	Thompson R Trucking
1971-1980	Thompson R Trucking

285 S. Willow Ave.	
Year	**Use**
1976-1980	XXXX
1971	ACME Rebuilding
	Southwestern CAT

261 W. Valley Blvd.	
Year	**Use**
1980	AD Station Maintenance
1976	Concrete Coring Co.

253 W. Valley Blvd.	
Year	**Use**
1995	Cement Carriers, Inc.
	Marketing & Management Calif.
1992	Ability Truck Parts
	Cement Carriers, Inc.
1986	Blue Diamond Truck
1976-1980	XXXX
1971	Hugo's Garage
	Rialto Framers

241 W. Valley Blvd.	
Year	**Use**
1986	XXXX
1976-1980	Cutter Electric Co.

1971	Cutter Electric Co.
	Rialto Storage

213 W. Valley Blvd.	
Year	**Use**
2014	JV Tires
1986-2010	Clem Trans, Inc.
1980	Clemons, HL
1976	XXXX
1971	Brothers Jack Contr.
	Leisure Products

3.5. Summary

The Site was historically vacant in the earliest record reviewed. By the time of the 1949 aerial photograph, the Site appeared to be in residential use. The Site was first noted with industrial uses by the time of the 1959 aerial photograph. Since this time, the Site has been developed with industrial structures and notable uses included trucking facilities, auto repair, and several contractors. Observations during this time revealed an area of what appeared to be dark staining on bare soil at what is now the 213 West Valley Boulevard property in the 1980's. The industrial history of the Site is considered an REC.

The Site vicinity has historically been used as vacant and/or agricultural land since the earliest records. Over the years, the Site vicinity has been noted with industrial development first noted in 1949. Additional industrial development has been noted throughout the years.

4. PRIOR INVESTIGATIONS

No prior investigations have been conducted at the Site to HMC's knowledge.

5. SITE RECONNAISSANCE

Mr. Troy Taylor of HMC conducted a Site and Site vicinity reconnaissance on December 21, 2021. The reconnaissance was conducted in order to identify visible evidence of REC's

at the Site and to assess possible conditions off Site that may impact the Site. Mr. Taylor was unaccompanied at Site.

The Site was noted to contain three properties. Lefoy Industries (213 West Valley Boulevard) was noted with a two story office structure and truck maintenance garage. Truck maintenance was also seen to be performed in the yard. The yard and maintenance bay were noted with poor housekeeping practices, staining, spills, liberal use of absorbents, and improper storage of chemicals and waste. A pit was located in the garage and was reported to be an oil change pit. The pit was sealed with wood and could not be further observed. Automotive chemicals were noted to be stored in ASTs, 55-gallon drums, five-gallon buckets, 1-gallon containers, and quart containers. Used tires were noted to be stored at the facility.

The 241, 253, 261 West Valley Boulevard and 285 South Willow Avenue properties were observed with a trucking and maintenance facility. Structures at this portion of the Site were used for storage and offices with the exception of the southwestern most building which was used for auto maintenance. An oil change pit was located in the maintenance area but was covered with a large steel plate and could not be further observed. The shop area was noted with moderate staining and small spills. Chemical use and storage included moderate amounts of automotive chemicals. Used tires were noted to be stored at the facility.

The 1743 South Willow Avenue property was noted to be unoccupied however contained two structures, a stormwater drainage feature, a billboard, and storage of metal containers and used tires. One poly tote of waste oil was stored within the center structure at the Site with some moderate staining around it in the center structure. Staining was also noted in one other location within the center structure. Used tires were noted to be stored at the facility.

Current uses at the Site resulting in spills and stains were considered RECs.

Given the age of the structures, it is likely that asbestos containing materials (ACMs) are present at the Site. Suspect ACMs include but are not limited to drywall/joint compound, acoustic ceiling, mastic, roofing materials, and insultation.

Selected photographs illustrating the Site and nearby off-Site conditions are included in Appendix A. Summaries of the Site and observations are detailed below.

Description and Use of Site:	The Site is currently used for trucking and maintenance.
Underground and Aboveground Storage Tanks:	No evidence of USTs or ASTs was observed at the Site.
Hazardous Materials, Hazardous Wastes or Petroleum Products:	Moderate amounts of automotive chemical storage, use, and wastes were observed at the Site.
Drains, Drain lines and Sumps:	Storm drains were seen at the Site.
Pits, Ponds, Lagoons:	These features were not seen at the Site.
Industrial Wastewater:	Wastewater was not being generated at the Site.
Stains:	Moderate to heavy staining was observed at the Site.
Wells:	No wells were observed at the Site.
Transformers:	One transformer was seen at the 1743 parcel.
Other Features:	ACMs are likely present at the Site.

5.1. Site Vicinity

The Site is bound:

- to the north by West Valley Boulevard across which is an aggregate equipment supplier and a self-storage facility;
- on the east by South Alicia Avenue and a concrete drainage channel across which is a Hometown Buffet and a gas station;
- to the south by the I-10 across which is a Union Pacific Rail Road yard; and,
- to the west by a what appeared to be a vacant warehouse and JV Motorsports.

6. REGULATORY AGENCY DATABASE RESEARCH

Regulatory agency database information was obtained from a standard radius Site Assessment (ASTM) report by Environmental Data Resources, Inc. The center of the search was in the approximate center of the Site. Search distances for specific databases were one-quarter to one mile as specified in the ASTM 1527-13 standard. The database search includes over 70 federal, state, local, and proprietary records. A complete copy of this report is included in Appendix B.

6.1. Database Records Concerning the Target Property

The Site was listed on the following databases searched as part of the EDR research:

Location	Address	Lists	REC	RATIONALE
R. Thompson Trucking	1743 S. Willow	SWEEPS UST CA FID UST HWTS HAZNET	NO	This facility reportedly operated a UST at the Site. No evidence of a release was found and, as discussed below in Section 7.4, the UST was reported to have been removed in June 1990. One record of oil containing waste was reported for this facility.
Tim's Mobil Truck Repair	1743 S. Willow Ave.	HWTS	NO	This facility was noted to be a generator of waste. No information of specific wastes or releases were contained in the record.
JV Motorsports	1743 S. Willow Ave.	HAZNET HWTS	NO	This facility was noted to be a generator of waste. No information of specific wastes with the exception of off-specification, aged, or surplus organics nor releases were contained in the record.
Ability Heavy Movers, Inc.	285 W. Valley Blvd.	SWEEPS UST CA FID UST	NO	This facility was reported to have operated a UST in the 1980's. No records of releases were found however no records that the UST has been removed were found. The unknown status of this tank is considered an "issue of note".

Clem Trans, Inc.	213 W. Valley Blvd.	LUST REG 8 FINDS LUST HIST UST CORTESE SAN BERN CO PERMIT CERS RGA LUST SWEEPS UST CA FID UST	NO	This facility was noted with two USTs and a leaking UST case. Diesel was the chemical of concern and the release was reported to have been limited to soil. According to records, the tanks were removed and contaminated soil was removed as well. The tanks were reported to have been removed in 2000. The case was closed with San Bernardino County in 2004. This former LUST case is considered a Historical REC.

6.2. Database Records Concerning the Site Vicinity

We reviewed the database report for off-Site potential sources within the relevant search distance. In review of the many entries on the database, we reviewed the following factors that affect the ability of a facility to affect the Site:

- Distance from the Site,
- Location from the Site with regard to the direction of groundwater flow,
- Nature of the release and whether the release has affected soil, groundwater or both,
- Status of the investigation (e.g. open or closed)

Groundwater was reported to flow to the southwest at a nearby facility, therefore facilities located adjacent to or to the northeast were further considered. Only those facilities judged using these factors are discussed below. The following presents a summary of our findings:

Location	Address	Dist.	Dir.	Lists	REC	RATIONALE
WC Brown Welding, Inc./ WDLJ South Property	1485 South Willow Street	1,515'	N	ENVIROSTOR CPS-SLIC SWEEPS UST CA FID UST SAN BERN CO PERMIT CERS HWTS	NO	This former facility was noted with contamination resulting from industrial uses that included petroleum and other non-solvent hydrocarbon contamination. The property was cleaned up with a Brownfield Cleanup Grant and was closed in

						2013 under the oversight of the county and the RWQCB.

Orphan Sites

Orphan Sites are those properties that are included on various agency lists, but for which the records do not have sufficient address information for the database program to map the site. No orphan sites identified appear to be in the Site vicinity or of a nature and/or orientation to pose a potential environmental concern to the Site with the exception of a Chevron LUST case located at 101 East Valley Boulevard. This case was noted to be closed during the review of other record reviewed in in the EDR Radius research.

6.3. Summary of Off-Site Issues

Based on the review of the available regulatory information, facilities in the Site vicinity were noted to use and store chemicals and generate associated wastes. Several upgradient facilities were noted with releases such as leaking UST cases that were subsequently cleaned up and closed with the relative oversight agency. There was no evidence the historic off Site releases affect the Site.

The most notable upgradient facility, the WC Brown Welding, Inc./ WDLJ South Property, was noted with historic releases that included petroleum and other hydrocarbons. The county and the RWQCB oversaw the cleanup of the facility. The cleanup was closed under their authority in 2013. No evidence this historic facility has affected the Site was found.

7. LOCAL AGENCY AND OTHER RECORDS REVIEW

7.1. Tribal Records

The Site is not located in a tribal area therefore there were no tribal records to review.

7.2. Oil and Gas Wells

The State of California Department of Conservation, Division of Oil, Gas, and Geothermal Resources online mapping website was reviewed for the location of active, plugged, or abandoned oil and gas wells in the vicinity of the Site. No oil or gas wells were listed as having been drilled on or in the near vicinity of the Site.

7.3. State of California

The State of California Geotracker and EnviroStor websites were also reviewed for information on potential on or off-Site facilities that are being remediated under either RWQCB or DTSC oversight. No active cases were listed on these databases that were not listed in the EDR review.

HMC also submitted public records requests to the DTSC and RWQCB for the Site. Records searches for the Site yielded no responsive records found by either agency however the RWQCB forwarded a link to the 213 West Valley Boulevard LUST case previously discussed in Section 6.2.

7.4. San Bernardino County Fire Protection District

A public records request was submitted online to the SBC FPD. Records found for the Site included Clem Trans (213 W. Valley Blvd.), Grumpy's Autobody (1743 S. Willow Ave.), Tim's Mobil Truck Repair (1743 S. Willow Ave.), and General Warehouse Products (1743 S. Willow Ave.).

Records for Clem Trans included generator and handler permits, UST permits, UST removal records for two diesel USTs, complaints reports of diesel fuel and oily water being discharged onto soil, and LUST records. The record summary reported that contaminated soil was to be removed and new soil imported from the surface releases noted in a complaint from 1993. SBC closed this case. The LUST case for the Site was closed with the county in 2004. Residual contamination well below current screening levels was reported in soil.

Tim's Mobil Truck Repair was reported to have removed a UST from their facility in 1990. No record of a clean-up was included in the record summary.

The General Warehouse facility was reported with a complaint from an individual who claims they were order to discharge lacquer thinner and oil based paint onto bare soil in 2005. When SBC went to investigate, the facility was gone and a golf cart facility was located at this portion of the Site. The case was closed.

The record summary provided by SBC FPD was reviewed for this information. At the time of this report, the files have not been able to be reviewed at SBC offices. HMC recommends these files be reviewed and UST closure records obtained for the User's

records. Records for the status of the UST reported at 285 South Willow Avenue were not included in the record summary.

These reports of releases in conjunction with historic uses, observations of spills, staining, and poor housekeeping at the Site are cause to recommend additional investigation at the Site.

7.5. City of San Bernardino

HMC submitted a public record request to the City of San Bernardino. Records provided by the City generally consisted of general construction, electrical, and plumbing permits.

Two records indicating permits to install a UST and an electrical connection for the UST from 1972 were included in the records for 261 West Valley Boulevard. No other records from the City or any others reviewed during this investigation were found for a UST installed at this address. The UST may never have been installed however, as another unaccounted UST is reported at the Site, all grading and other excavation should proceed with caution as USTs may be encountered.

7.6. South Coast Air Quality Management District

A review of the SCAQMD Facility Information Detail website indicated that no records were found for the Site.

8. VAPOR INTRUSION, ASBESTOS, AND OTHER CONCERNS

8.1. Vapor Intrusion

Given the findings of this Phase I ESA, there is a moderate potential for a vapor intrusion condition.

8.2. Asbestos

Given the age of the structures at the Site, ACMs are likely present.

8.3. Radon

The Site is listed as being located in Zone 2 with regards to radon indicating that radon maybe present at concentrations less than 4 pico curies / liter.

8.4. Mold

No evidence of mold or water damage was observed at the Site.

9. SUMMARY OF FINDINGS

Key findings of this Phase I ESA are as follows:

- The Site was historically vacant in the earliest records reviewed. By the time of the 1949 aerial photograph, the Site appeared to be in residential use. The Site was first noted with industrial uses by the time of the 1959 aerial photograph. Since this time, the Site has been developed with industrial structures and notable uses included trucking facilities, auto repair, and several contractors. Observations during this time reveled an area of what appeared to be dark staining on bare soil at what is now the 213 West Valley Boulevard property in the 1980's. The industrial history of the Site is considered an REC.

- The Site vicinity has historically been used as vacant and/or agricultural land since the earliest records. Over the years, the Site vicinity has been noted with industrial development first noted in 1949. Additional industrial development has been noted throughout the years.

- Automotive maintenance, poor housekeeping, moderate to heavy staining, and spills were observed at the Site during the Site reconnaissance. HMC considered these observations to be RECs;

- Records of up to five USTs were found for the Site in review of records for the Site. Three of the USTs are accounted for with records of removal. Two of these tanks were the subject of a leaking UST case closed with San Bernardino County in 2004. This former LUST case is considered a Historic REC. Removal records for up to two tanks have not been located and would be considered an REC;

- Based on the review of the available regulatory information, facilities in the Site vicinity were noted to use and store chemicals and generate associated wastes. Several upgradient facilities were noted with releases such as leaking UST cases that were subsequently cleaned up and closed with the relative oversight agency. There was no evidence the historic off Site releases affect the Site;

- The most notable upgradient facility, the WC Brown Welding, Inc./ WDLJ South Property, was noted with historic releases that included petroleum and other

hydrocarbons. The county and the RWQCB oversaw the cleanup of the facility. The cleanup was closed under their authority in 2013. No evidence this historic facility has affected the Site was found;

- Given the findings of this Phase I ESA, there is a moderate potential for a vapor intrusion condition; and,

- Given the age of the structures at the Site, ACMs are likely present.

10. DATA GAPS

The following data gaps were identified during this investigation:

- With the exception of 213 West Valley Boulevard, a Site representative was not available for interview.
- HMC Owner Questionnaires were not returned to HMC for review.
- A Title Report was not provided to HMC for review.

11. CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in accordance with ASTM E1527-13 Guidelines for the property located at 285 and 1743 South Willow Avenue; 213, 241, 253, and 261 West Valley Boulevard; and, Assessor's Parcel Number 013217102 in the City of Rialto, California. **HMC considers the industrial history of the Site, reported discharge of chemicals to soil, and current uses resulting in spills and staining and unaccounted for USTs to be RECs**.

The closed LUST case at the Site was considered an HREC. No CRECs were identified.

While not an REC by ASTM standards, ACMs are likely present at the Site, given the age of the structures.

12. RECOMMENDATIONS

Based on the findings of this ESA, we recommend the following:

- A Site-wide Phase II Site Investigation as well as a geophysical survey for unaccounted USTs should be conducted;
- Records review including research for the unaccounted for USTs and the facilities at 285 South Willow Avenue and 261 West Valley Boulevard should be conducted;
- The existing spills and releases should be remediated and all chemicals removed when the tenants leave the Site; and,
- An asbestos survey should be conducted prior to any activity that may disturb suspect ACM.

13. QUALIFICATIONS

Mark S. Cousineau, NREP

Mr. Mark S. Cousineau, principal with HMC, has a diverse professional background in environmental management, which includes working as a generator, regulator, consultant, and corporate advisor in hazardous waste and other environmental issues.

Mr. Cousineau's technical background is focused in the area of overseeing large-scale environmental investigations and regulatory compliance management related to site assessments, subsurface investigations, facility surveys, and site remediation. To projects such as these, Mr. Cousineau brings expertise in evaluating complex sites and developing solutions to solve the technical, operational, regulatory, financial and timing issues. In addition, Mr. Cousineau routinely assists clients in developing environmental business plans for single assets and multi-site real estate portfolios and has designed and implemented several tenant audit programs involving the proactive management of environmental risk caused by on-site commercial and industrial tenant activities.

Mr. Cousineau has provided litigation support and has served, as a court-appointed expert on environmental issues, is a Member of the National Registry of Environmental Professionals, holds a M.S. in Environmental Sciences from California State University Fullerton and a B.S. in Chemistry from University California San Diego.

As signatory to this report, I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of this part. I have the specific qualifications based on education, training, and experience to assess the property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."



Mark Cousineau, NREP
Principal

14. REFERENCES

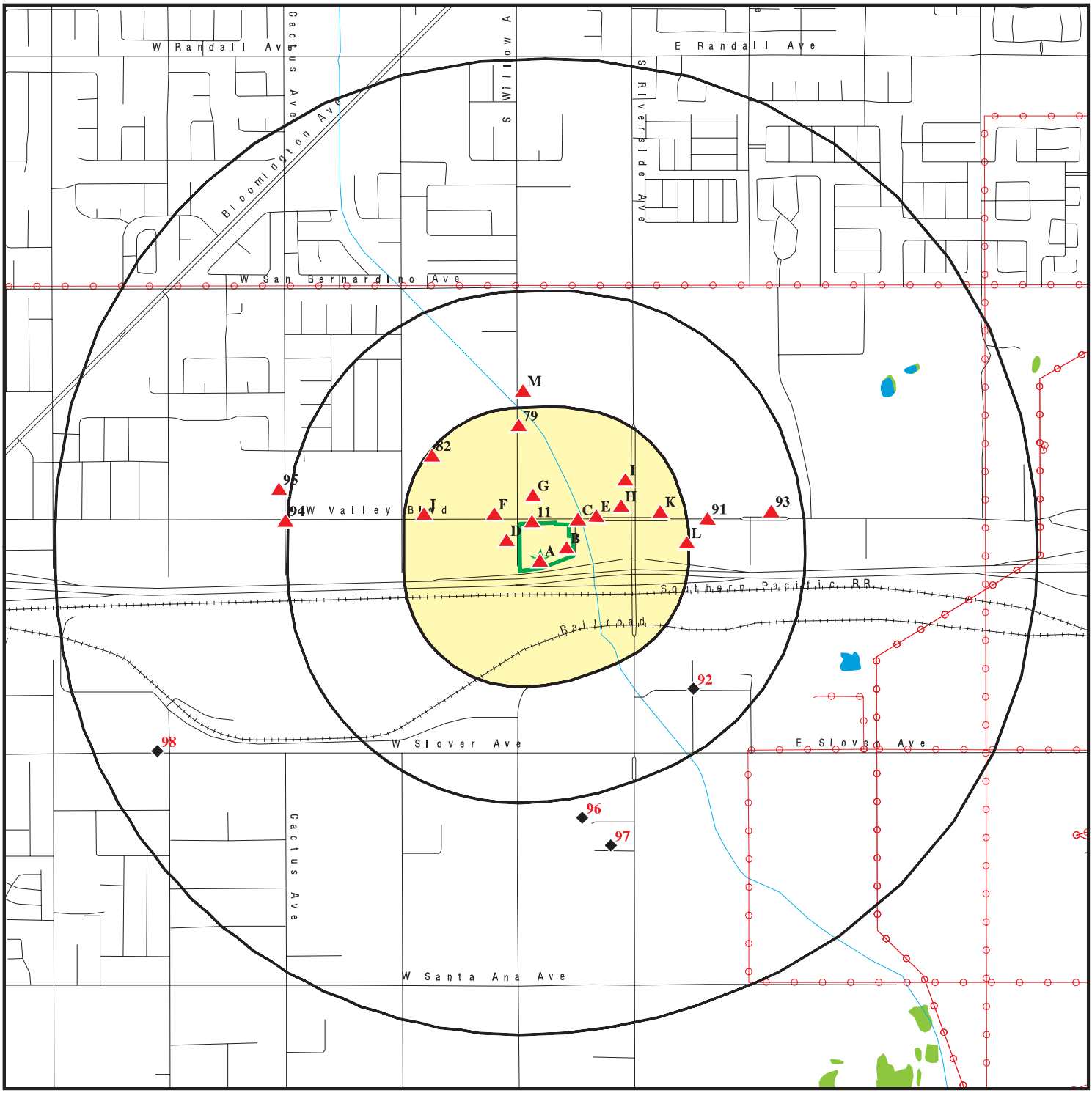
California Department of Water Resources, California's Groundwater - Bulletin 118 Upper Santa Ana Valley Groundwater Basin, Riverside-Arlington Subbasin, February 27, 2004

https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607199297

Waterstone Environmental, Inc., Workplan for Supplemental Site Investigation Birtcher Logistics Center Rialto Located at 350 West Valley Boulevard and 1434-1444 South Willow Avenue Rialto, California 92376, December 17, 2021

TABLES

OVERVIEW MAP - 6787826.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

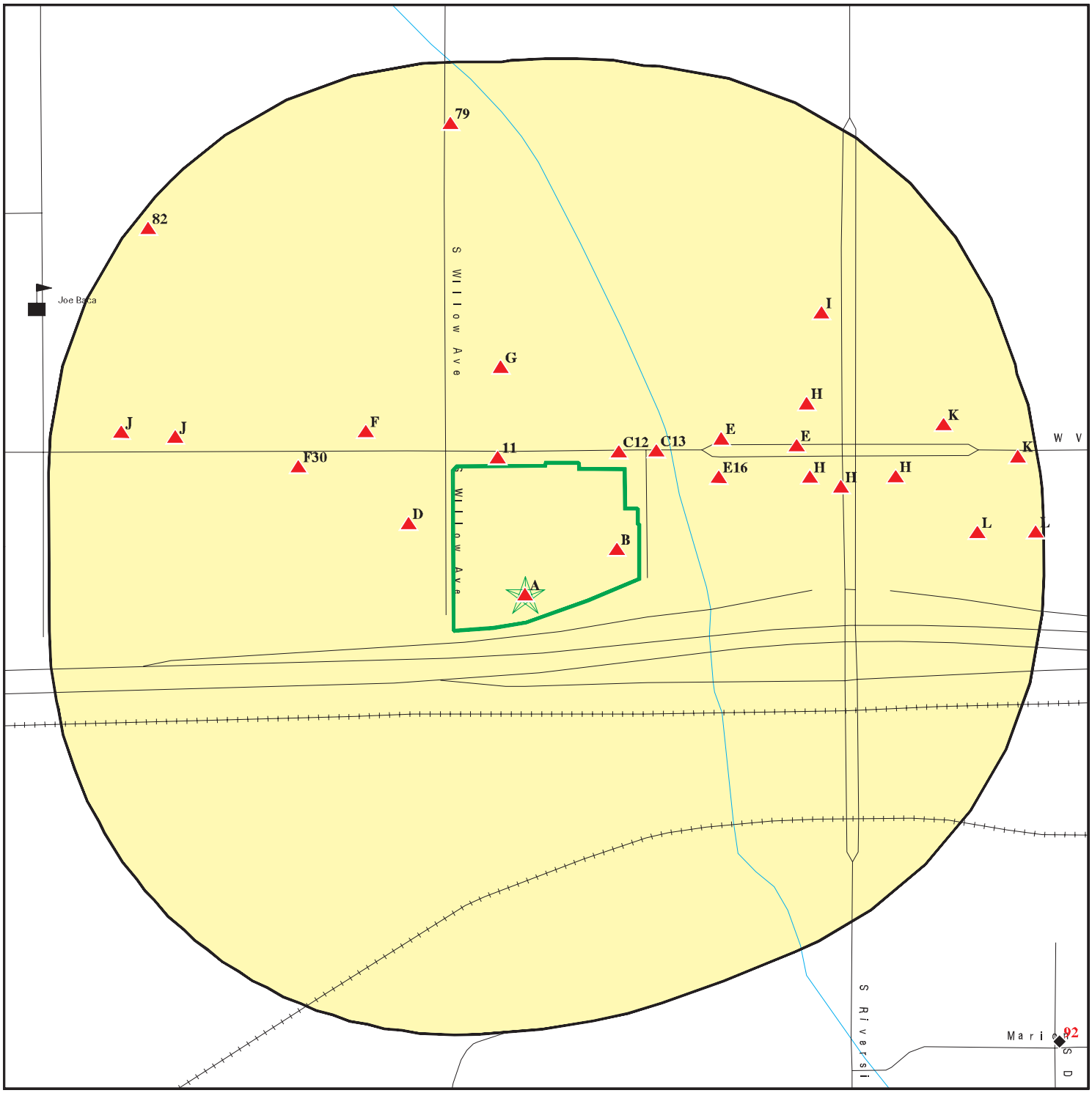
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This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1743 S Willow Ave	CLIENT:	Hazard Management Consulting
ADDRESS:	1743 S Willow Ave Rialto CA 92376	CONTACT:	Troy Taylor
LAT/LONG:	34.069227 / 117.373783	INQUIRY #:	6787826.2s
		DATE:	December 14, 2021 3:57 pm

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DETAIL MAP - 6787826.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1743 S Willow Ave	CLIENT: Hazard Management Consulting
ADDRESS: 1743 S Willow Ave Rialto CA 92376	CONTACT: Troy Taylor
LAT/LONG: 34.069227 / 117.373783	INQUIRY #: 6787826.2s DATE: December 14, 2021 3:59 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	1	NR	1
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	2	NR	NR	NR	2
RCRA-SQG	0.250		3	2	NR	NR	NR	5
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
CA RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
CA ENVIROSTOR	1.000		0	0	1	5	NR	6
Lists of state and tribal landfills and solid waste disposal facilities								
CA SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
CA LUST	0.500		7	4	3	NR	NR	14
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500		0	0	1	NR	NR	1
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		3	3	NR	NR	NR	6
CA AST	0.250		0	3	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	0.001		0	NR	NR	NR	NR	0
CA CERS HAZ WASTE	0.250		1	9	NR	NR	NR	10
CA Toxic Pits	1.000		0	0	1	0	NR	1
US CDL	0.001		0	NR	NR	NR	NR	0
CA PFAS	0.500		0	0	0	NR	NR	0
CA AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250	1	6	5	NR	NR	NR	12
CA HIST UST	0.250		5	5	NR	NR	NR	10
CA CERS TANKS	0.250		1	3	NR	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA FID UST	0.250	1	6	4	NR	NR	NR	11
Local Land Records								
CA LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CA CHMIRS	0.001		0	NR	NR	NR	NR	0
CA LDS	0.001		0	NR	NR	NR	NR	0
CA MCS	0.001		0	NR	NR	NR	NR	0
CA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		7	12	NR	NR	NR	19
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA Cortese	0.500		4	2	3	NR	NR	9
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	0.001		0	NR	NR	NR	NR	0
CA ENF	0.001		0	NR	NR	NR	NR	0
CA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	0.001	2	0	NR	NR	NR	NR	2
CA ICE	0.001		0	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		1	1	1	NR	NR	3
CA HWP	1.000		0	0	0	1	NR	1
CA HWT	0.250		0	0	NR	NR	NR	0
TX Ind. Haz Waste	0.250		1	0	NR	NR	NR	1
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	0.001		0	NR	NR	NR	NR	0
CA San Bern. Co. Permit	0.250		6	11	NR	NR	NR	17
CA PEST LIC	0.001		0	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
CA UIC	0.001		0	NR	NR	NR	NR	0
CA UIC GEO	0.001		0	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	0.001		0	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
CA PROJECT	0.001		0	NR	NR	NR	NR	0
CA WDR	0.001		0	NR	NR	NR	NR	0
CA CIWQS	0.001		0	NR	NR	NR	NR	0
CA CERS	0.001		1	NR	NR	NR	NR	1
CA NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
CA OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
CA PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
CA SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
CA WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
CA HWTS	TP	3	NR	NR	NR	NR	NR	3
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA RGA LUST	0.001		2	NR	NR	NR	NR	2
- Totals --		7	57	67	10	7	0	148

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

FIGURES

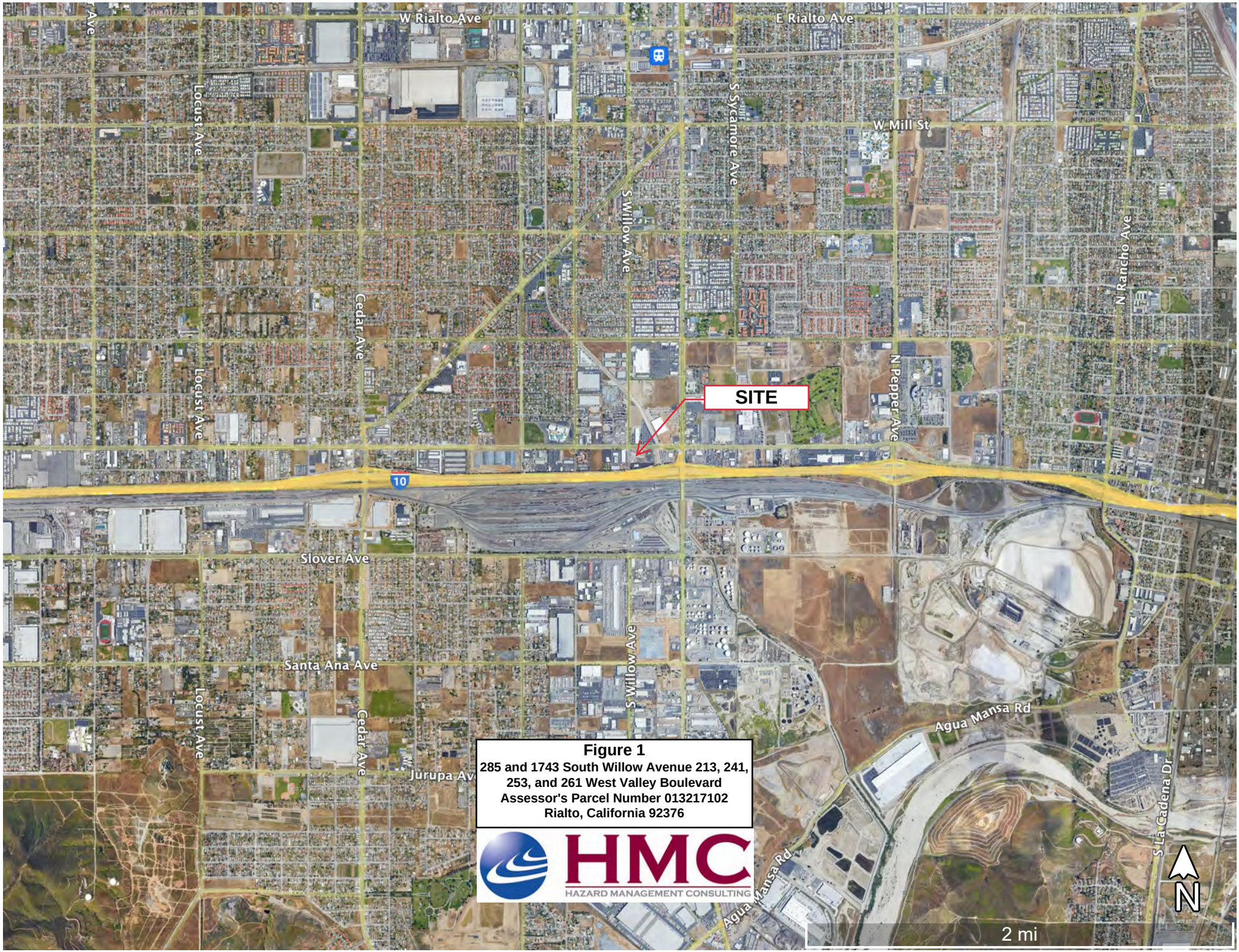


Figure 1
285 and 1743 South Willow Avenue 213, 241, 253, and 261 West Valley Boulevard
Assessor's Parcel Number 013217102
Rialto, California 92376

HMC
HAZARD MANAGEMENT CONSULTING

Figure 2
285 and 1743 South Willow Avenue
213, 241, 253, and 261 West Valley Boulevard
Assessor's Parcel Number 013217102
Rialto, California 92376

HMC
HAZARD MANAGEMENT CONSULTING



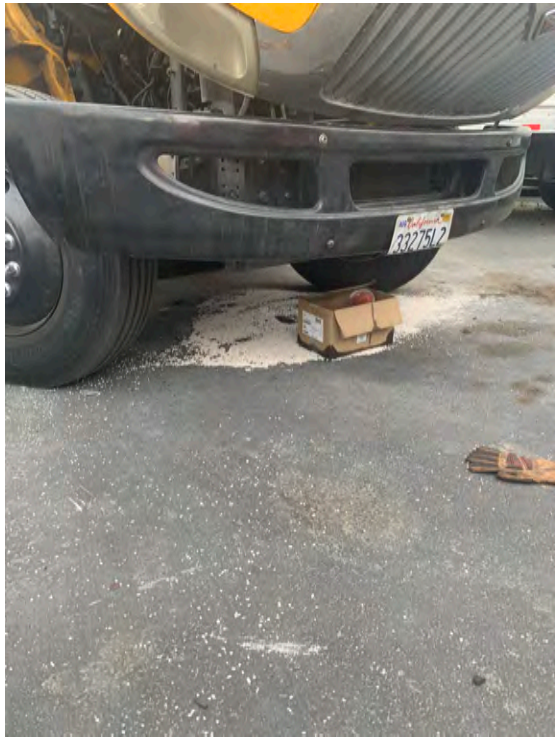
APPENDIX A



213 W Valley Blvd



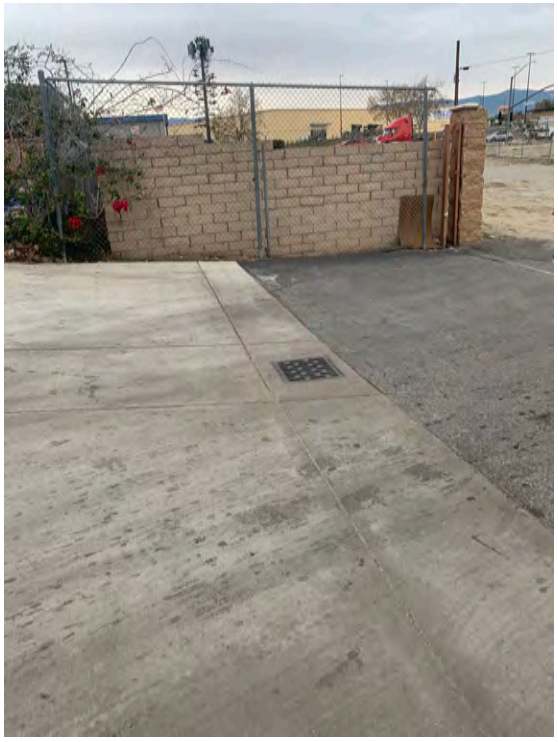
213 Used Tires



Spills at 213



Staining at 213



Storm Drain



Engine Leaking Oil at 213



213 Maintenance Area



Oil Spills and Stains at 213



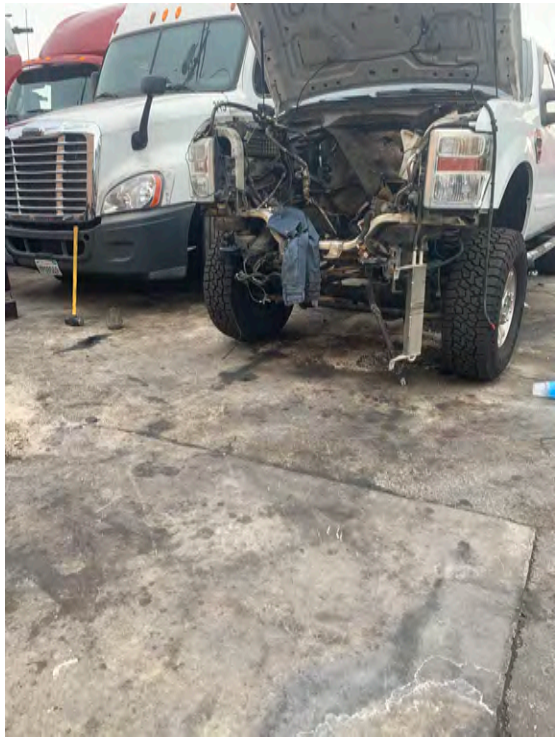
Covered Pit at 213



Oil AST



Stains and Spills at 213



Stains and Spills at 213



Storage Structure



Semi-Truck Staging



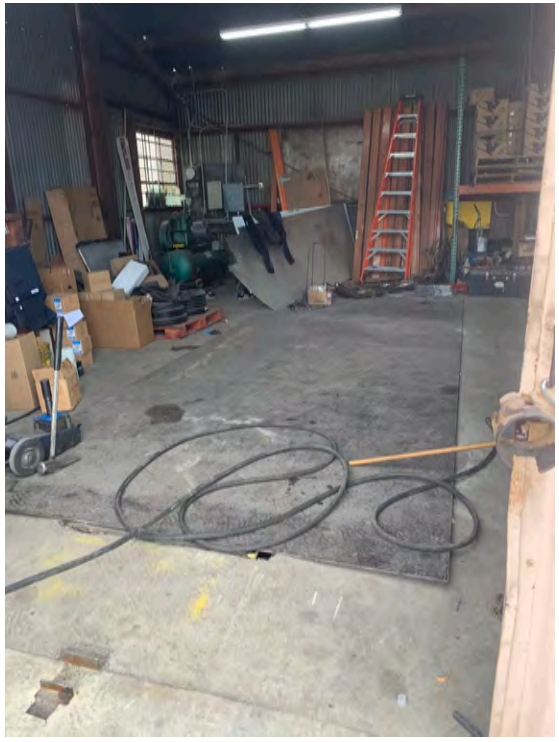
Office



Storm Drain and Used Tires



Spill and Chemical Storage at 285 S Willow Ave.



Cover Pit at 285 S. Willow Ave.



Unoccupied Parcel



Office and Billboard



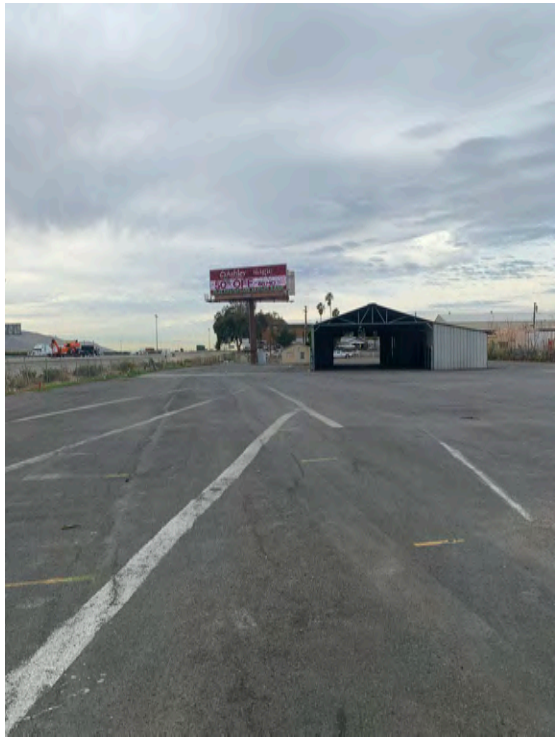
Transformer



Waste Oil Tote



Oil Stain



View Across Unoccupied Parcel



Used Tire Storage

APPENDIX B

1743 S Willow Ave

1743 S Willow Ave

Rialto, CA 92376

Inquiry Number: 6787826.3

December 14, 2021

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/14/21

Site Name:

1743 S Willow Ave
1743 S Willow Ave
Rialto, CA 92376
EDR Inquiry # 6787826.3

Client Name:

Hazard Management Consulting
211 W. Avenida Cordoba
San Clemente, CA 92672
Contact: Troy Taylor

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Hazard Management Consulting were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # CA03-4101-9FB0

PO # NA

Project Patriot - Willow & Valley

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: CA03-4101-9FB0

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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1743 S Willow Ave

1743 S Willow Ave

Rialto, CA 92376

Inquiry Number: 6787826.4

December 14, 2021

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

12/14/21

Site Name:

1743 S Willow Ave
1743 S Willow Ave
Rialto, CA 92376
EDR Inquiry # 6787826.4

Client Name:

Hazard Management Consulting
211 W. Avenida Cordoba
San Clemente, CA 92672
Contact: Troy Taylor

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Hazard Management Consulting were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: Patriot - Willow & Valley

Coordinates:

Latitude:	34.069227 34° 4' 9" North
Longitude:	-117.373783 -117° 22' 26" West
UTM Zone:	Zone 11 North
UTM X Meters:	465509.88
UTM Y Meters:	3769894.80
Elevation:	1057.00' above sea level

Maps Provided:

2018	1953, 1954
2015	1943
2012	1942
1980	1938
1975	1901
1973	1898
1967	1896
1954	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



San Bernardino South
2018
7.5-minute, 24000



Fontana
2018
7.5-minute, 24000

2015 Source Sheets



San Bernardino South
2015
7.5-minute, 24000



Fontana
2015
7.5-minute, 24000

2012 Source Sheets



San Bernardino South
2012
7.5-minute, 24000



Fontana
2012
7.5-minute, 24000

1980 Source Sheets



Fontana
1980
7.5-minute, 24000
Aerial Photo Revised 1978



San Bernardino South
1980
7.5-minute, 24000
Aerial Photo Revised 1979

Topo Sheet Key

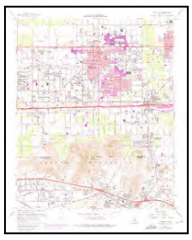
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1975 Source Sheets



San Bernardino South
1975
7.5-minute, 24000
Aerial Photo Revised 1975

1973 Source Sheets

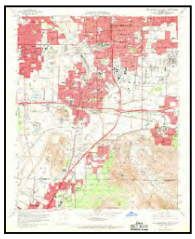


Fontana
1973
7.5-minute, 24000
Aerial Photo Revised 1973

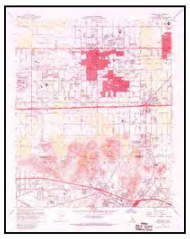


San Bernardino South
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1967 Source Sheets

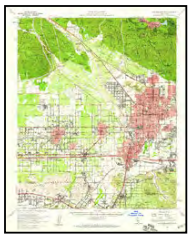


San Bernardino South
1967
7.5-minute, 24000
Aerial Photo Revised 1966



Fontana
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1954 Source Sheets

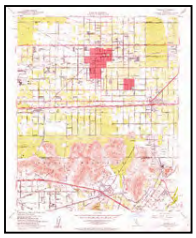


San Bernardino
1954
15-minute, 62500
Aerial Photo Revised 1952

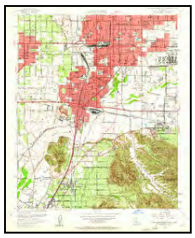
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953, 1954 Source Sheets



Fontana
1953
7.5-minute, 24000
Aerial Photo Revised 1952



San Bernardino South
1954
7.5-minute, 24000
Aerial Photo Revised 1952

1943 Source Sheets



Colton
1943
7.5-minute, 31680



Fontana
1943
7.5-minute, 31680

1942 Source Sheets



SAN BERNARDINO
1942
15-minute, 50000

1938 Source Sheets

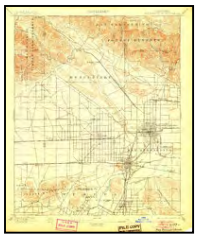


Colton
1938
7.5-minute, 31680

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1901 Source Sheets



San Bernardino
1901
15-minute, 62500

1898 Source Sheets



San Bernardino
1898
15-minute, 62500

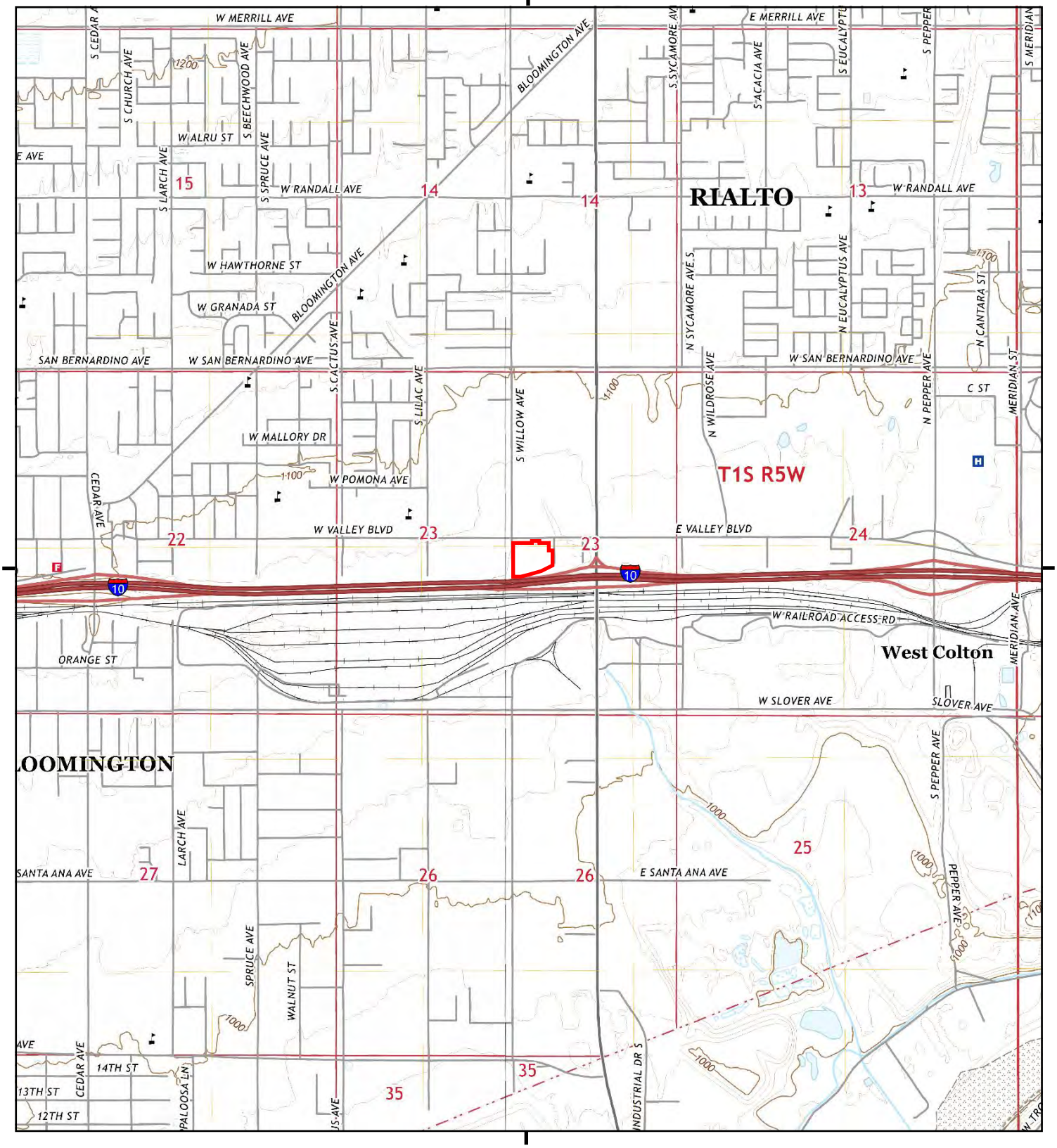
1896 Source Sheets



San Bernardino
1896
15-minute, 62500

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

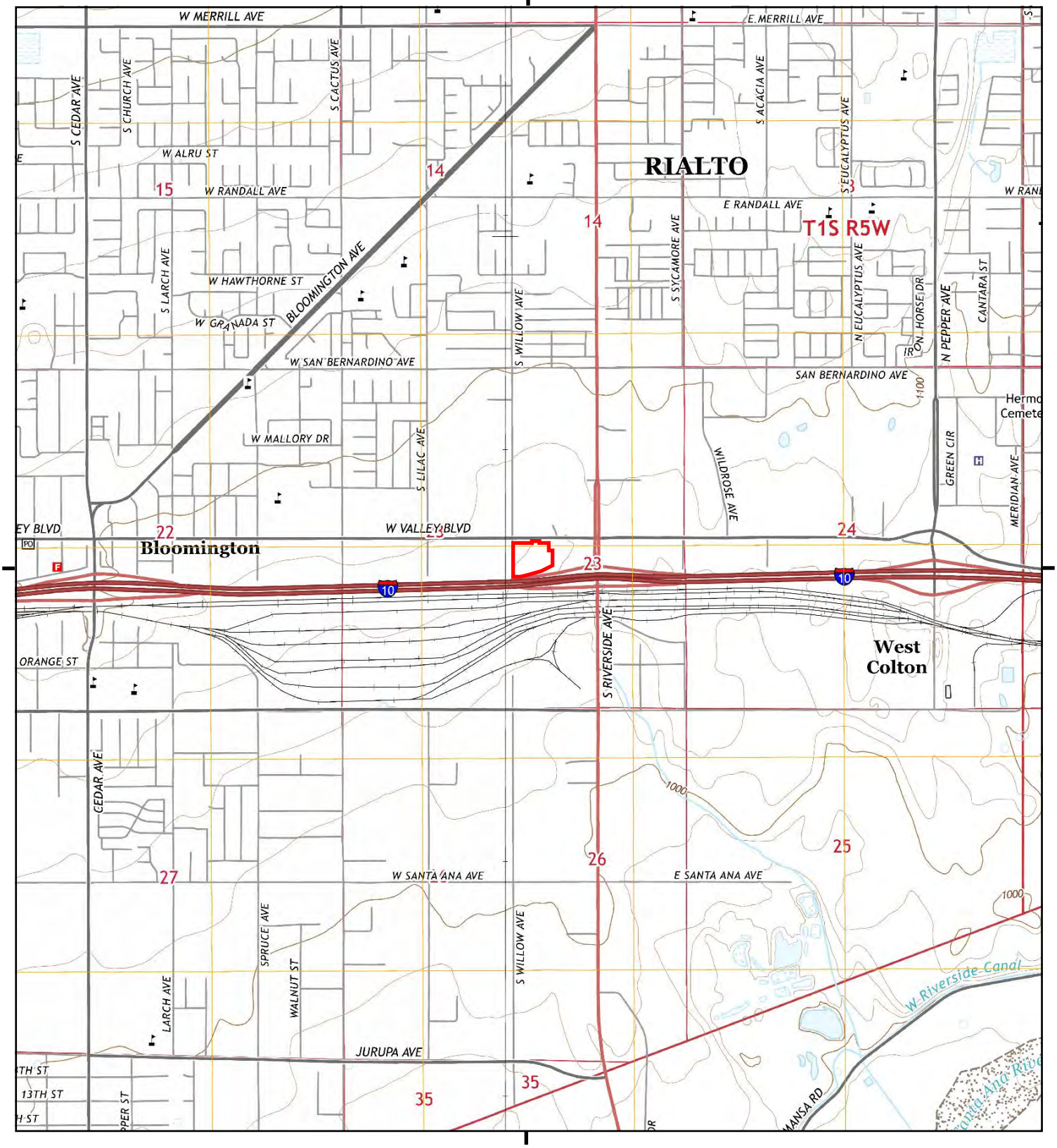
TP, San Bernardino South, 2018, 7.5-minute
W, Fontana, 2018, 7.5-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

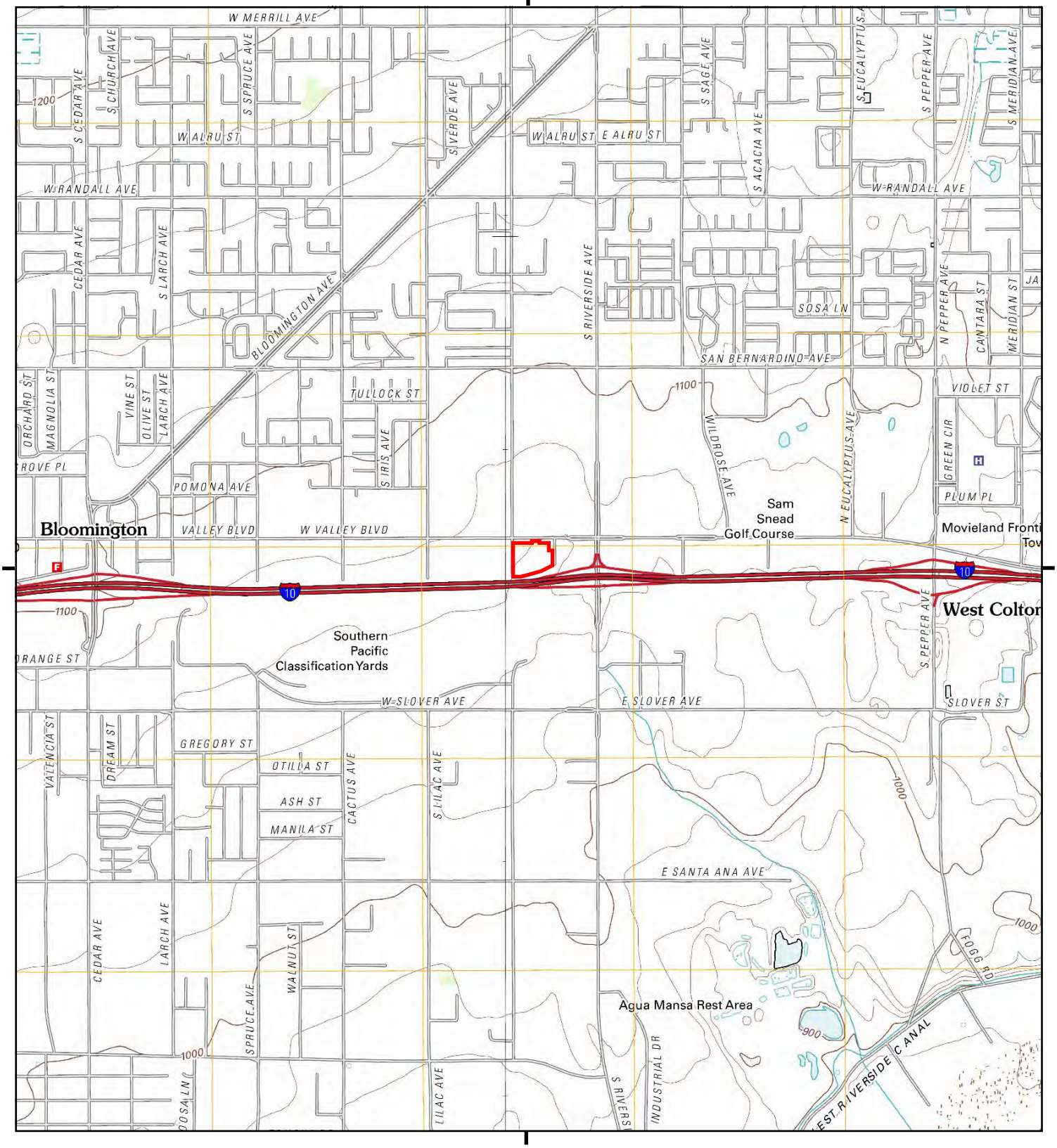
TP, San Bernardino South, 2015, 7.5-minute
W, Fontana, 2015, 7.5-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

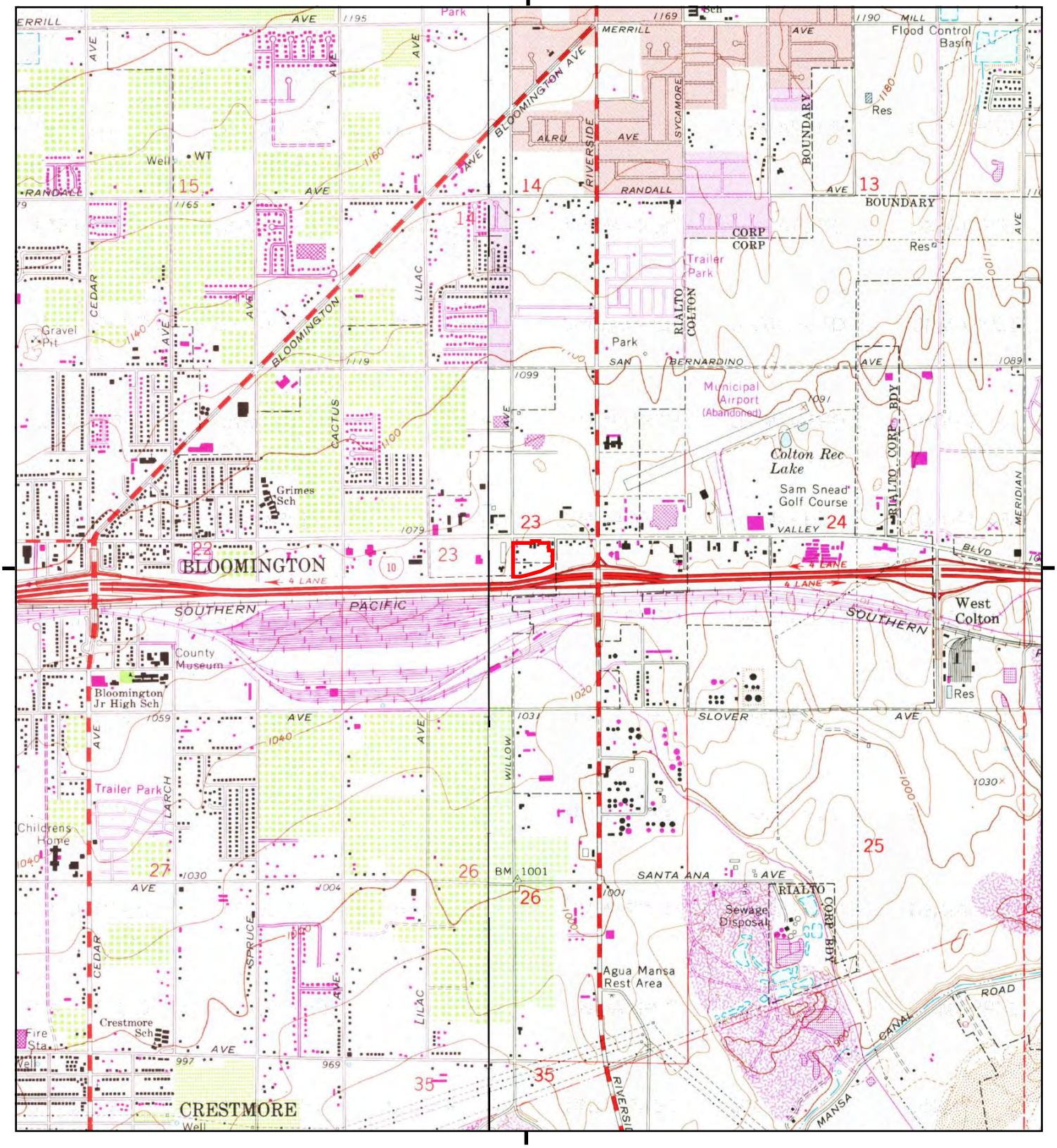
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino South, 2012, 7.5-minute
W, Fontana, 2012, 7.5-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino South, 1980, 7.5-minute
W, Fontana, 1980, 7.5-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N

Historical Topo Map

1975



This report includes information from the following map sheet(s).

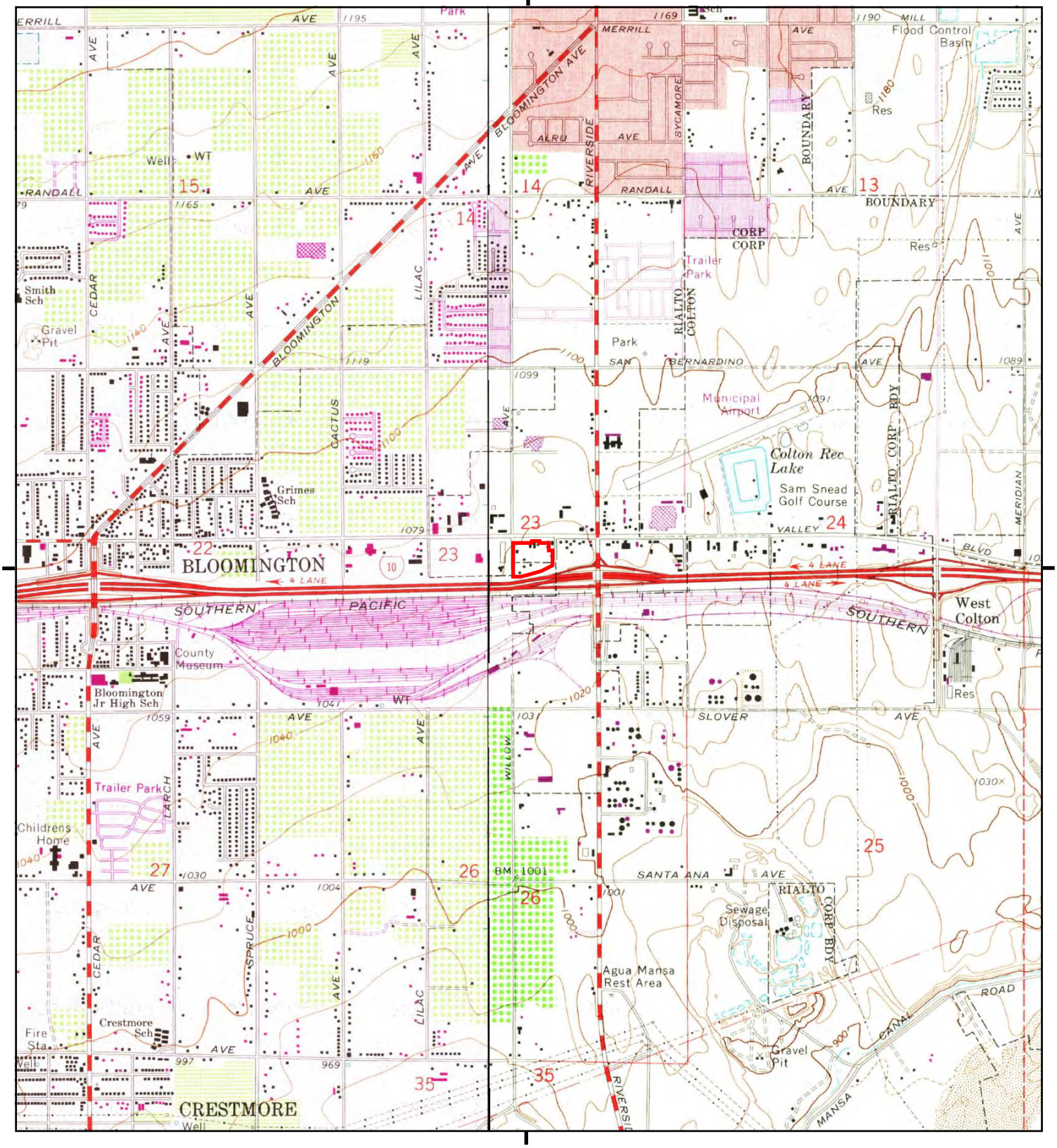
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino South, 1975, 7.5-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

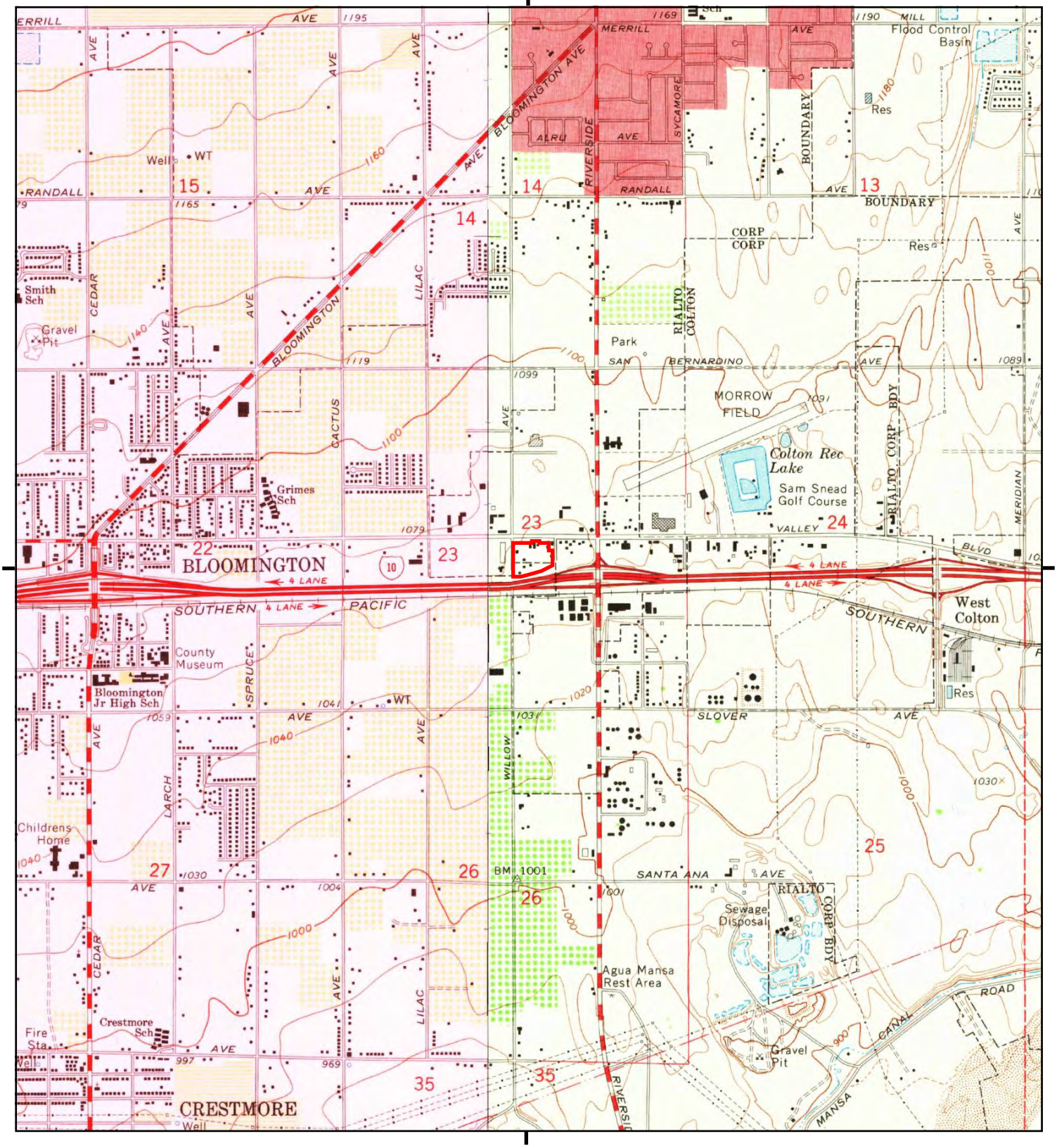
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino South, 1973, 7.5-minute
W, Fontana, 1973, 7.5-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

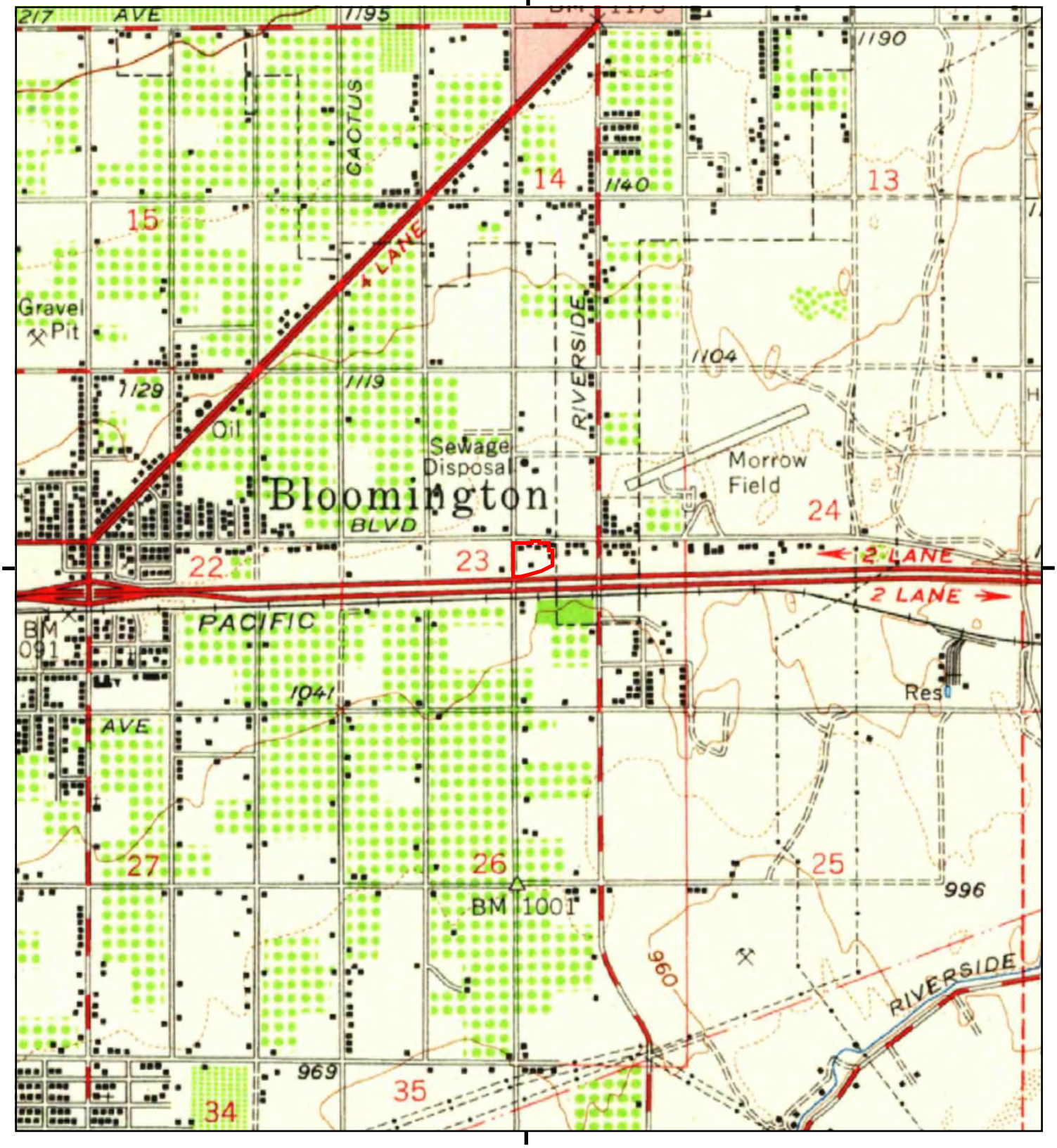
TP, San Bernardino South, 1967, 7.5-minute
W, Fontana, 1967, 7.5-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N

Historical Topo Map

1954



This report includes information from the following map sheet(s).

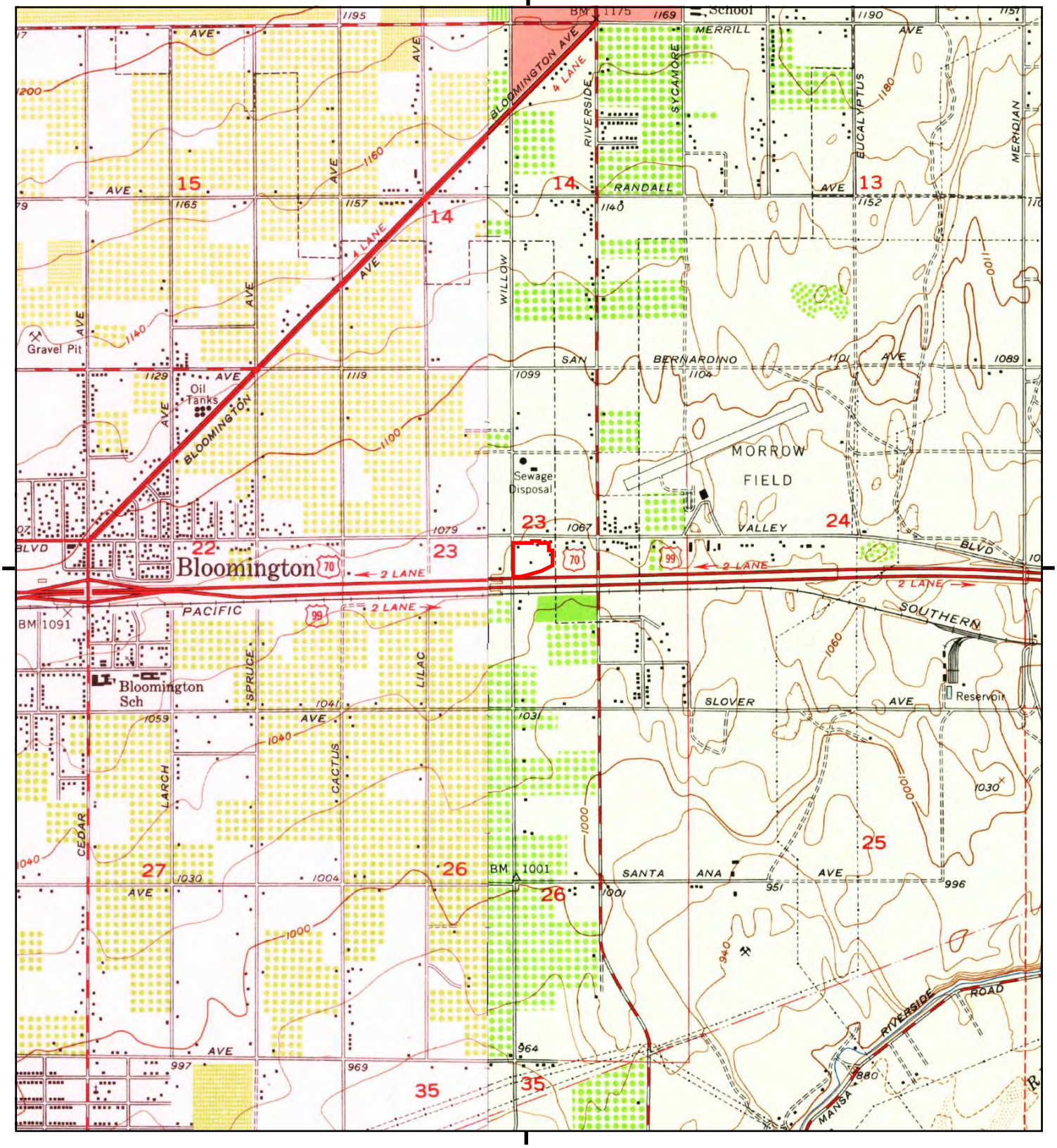
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino, 1954, 15-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

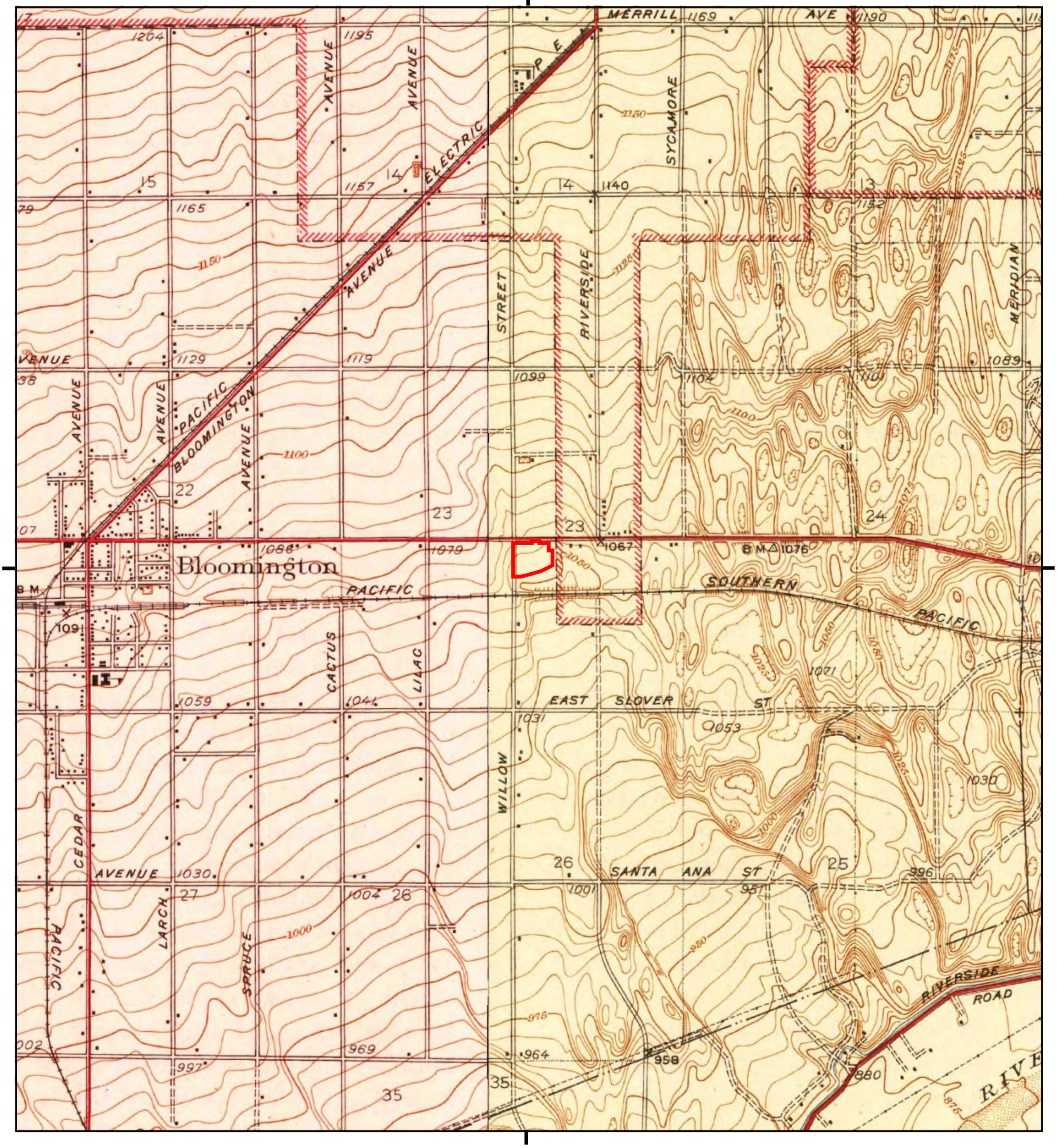
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino South, 1954, 7.5-minute
W, Fontana, 1953, 7.5-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

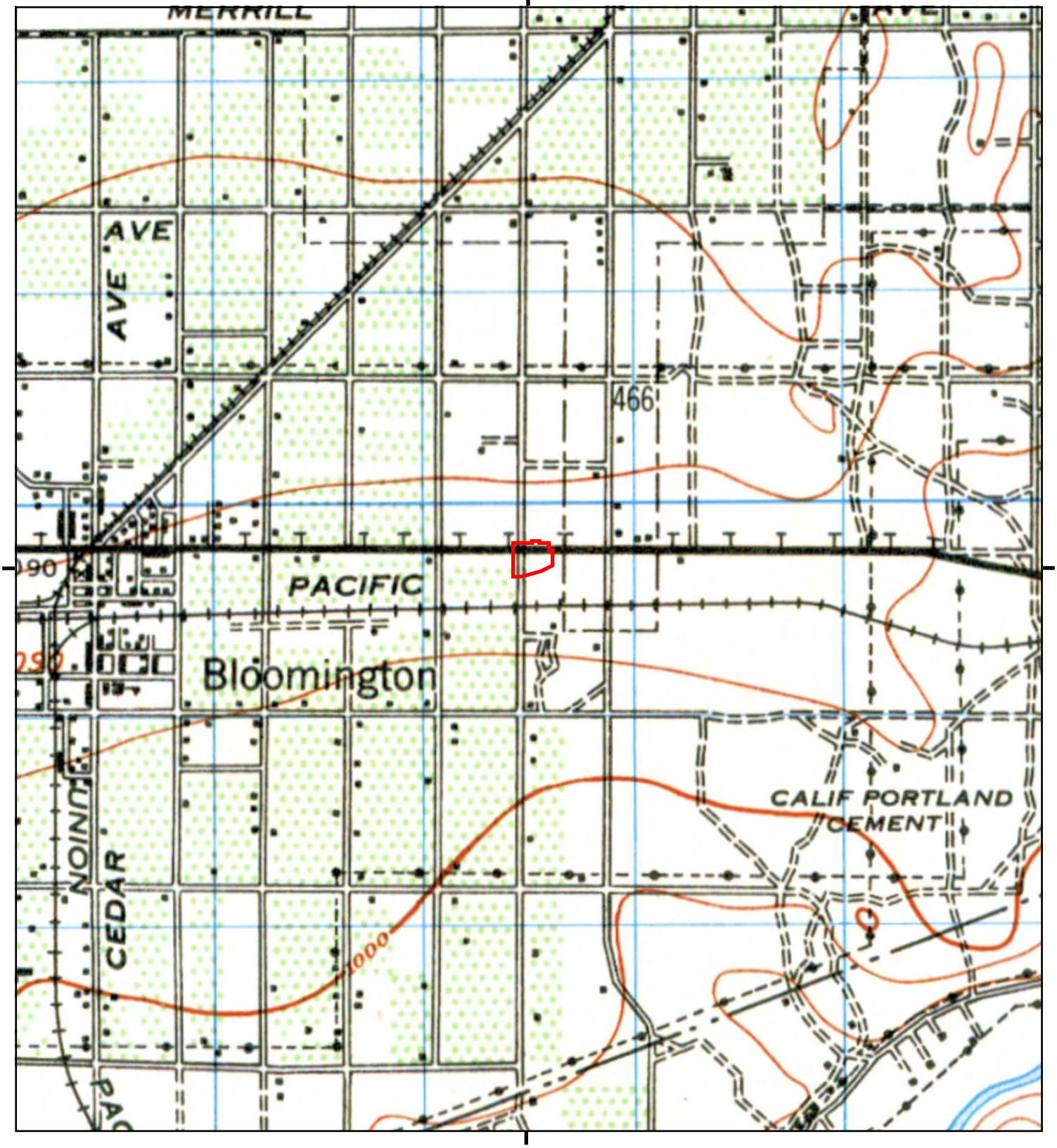
TP, Colton, 1943, 7.5-minute
W, Fontana, 1943, 7.5-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N

Historical Topo Map

1942



This report includes information from the following map sheet(s).

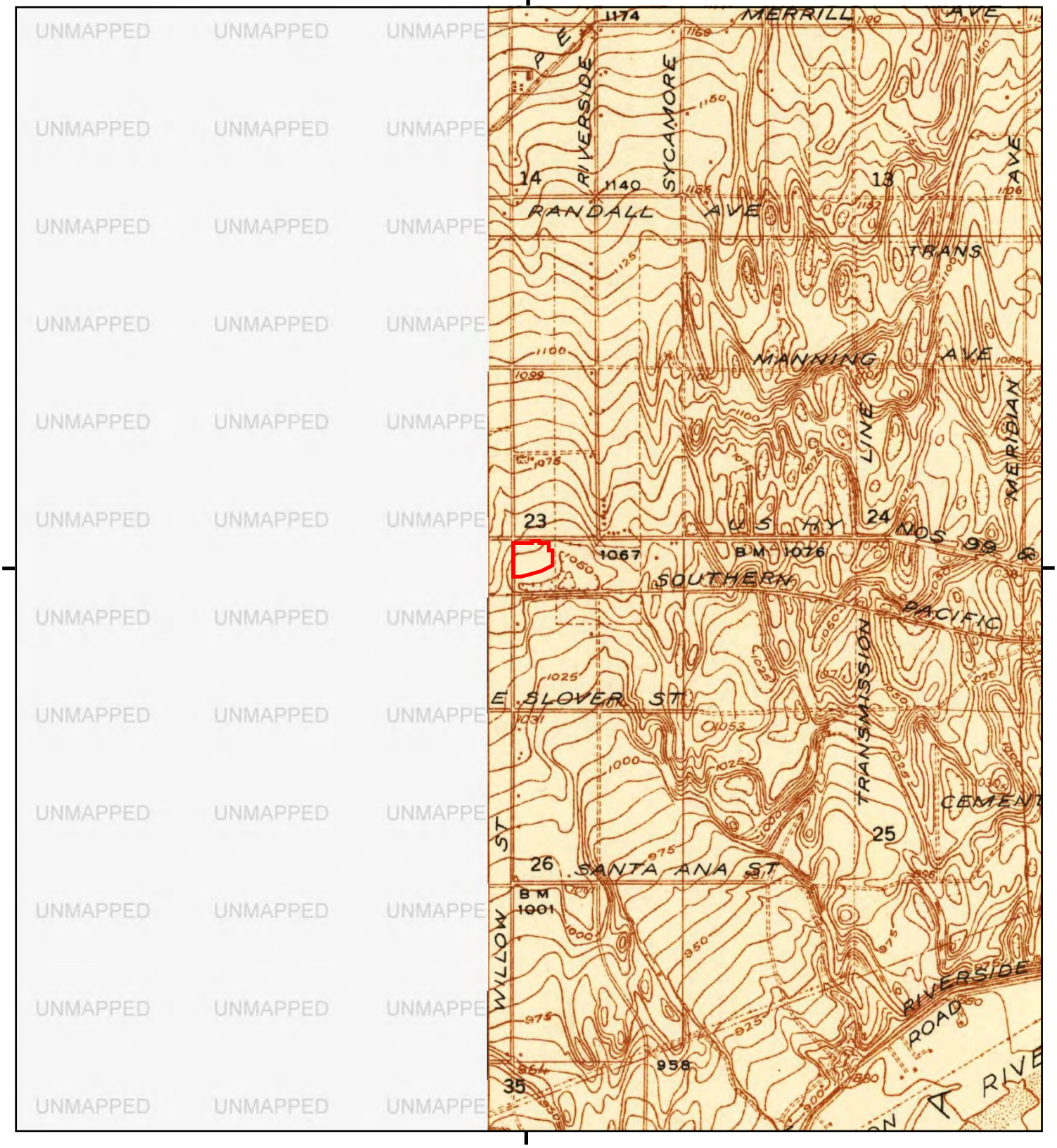
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, SAN BERNARDINO, 1942, 15-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Colton, 1938, 7.5-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino, 1901, 15-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

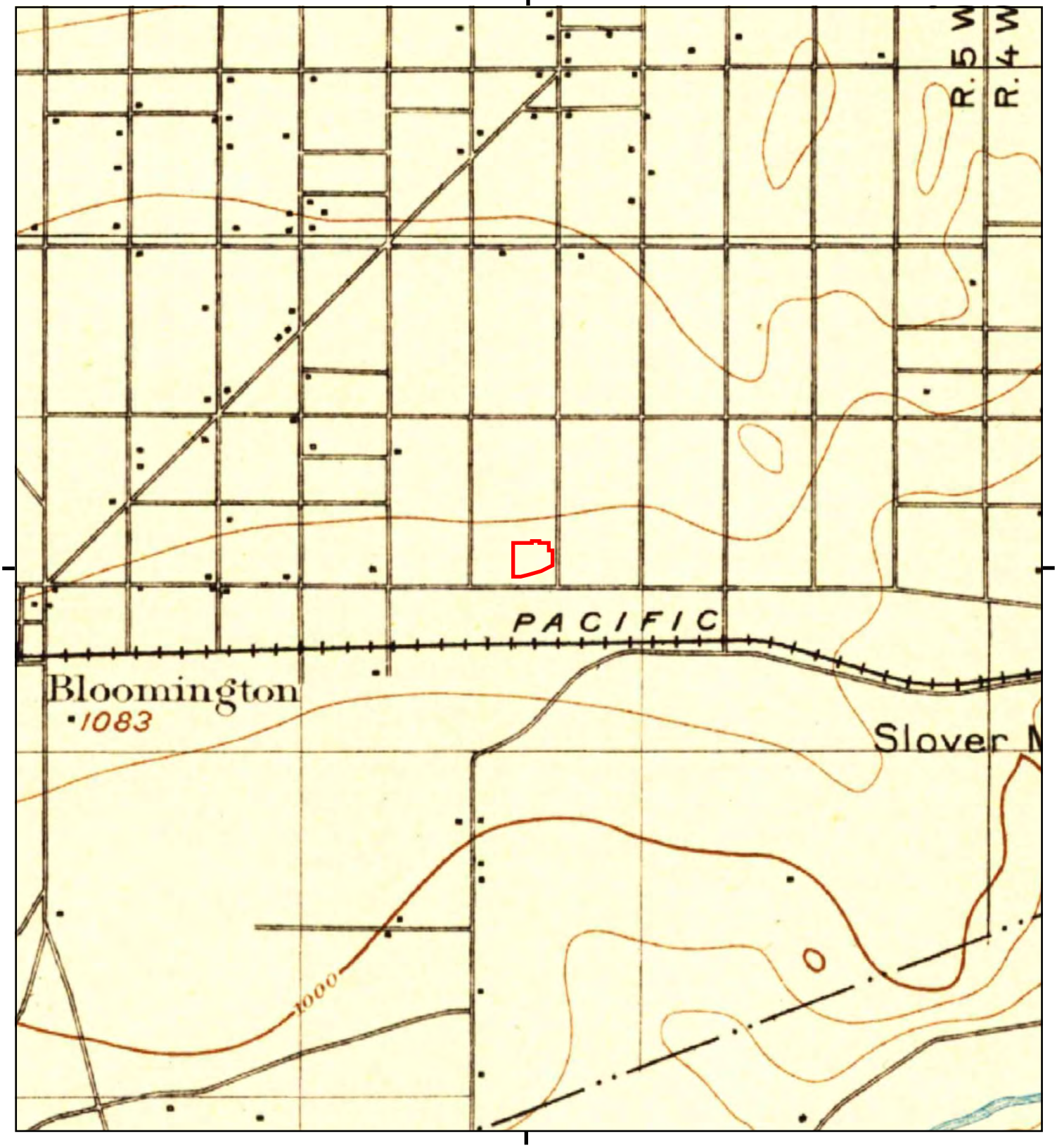
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino, 1898, 15-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino, 1896, 15-minute

SITE NAME: 1743 S Willow Ave
ADDRESS: 1743 S Willow Ave
Rialto, CA 92376
CLIENT: Hazard Management Consulting

N

1743 S Willow Ave

1743 S Willow Ave

Rialto, CA 92376

Inquiry Number: 6787826.8

December 15, 2021

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

12/15/21

Site Name:

1743 S Willow Ave
1743 S Willow Ave
Rialto, CA 92376
EDR Inquiry # 6787826.8

Client Name:

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211 W. Avenida Cordoba
San Clemente, CA 92672
Contact: Troy Taylor

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Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2002	1"=500'	Acquisition Date: January 01, 2002	USGS/DOQQ
1995	1"=500'	Acquisition Date: January 01, 1995	USGS/DOQQ
1989	1"=500'	Flight Date: August 15, 1989	USDA
1985	1"=500'	Flight Date: September 13, 1985	USDA
1975	1"=500'	Flight Date: August 01, 1975	USGS
1968	1"=500'	Flight Date: August 21, 1968	USDA
1966	1"=500'	Flight Date: April 16, 1966	USGS
1959	1"=500'	Flight Date: October 15, 1959	USDA
1953	1"=500'	Flight Date: January 23, 1953	USDA
1949	1"=500'	Flight Date: May 06, 1949	USDA
1938	1"=500'	Flight Date: July 04, 1938	USDA

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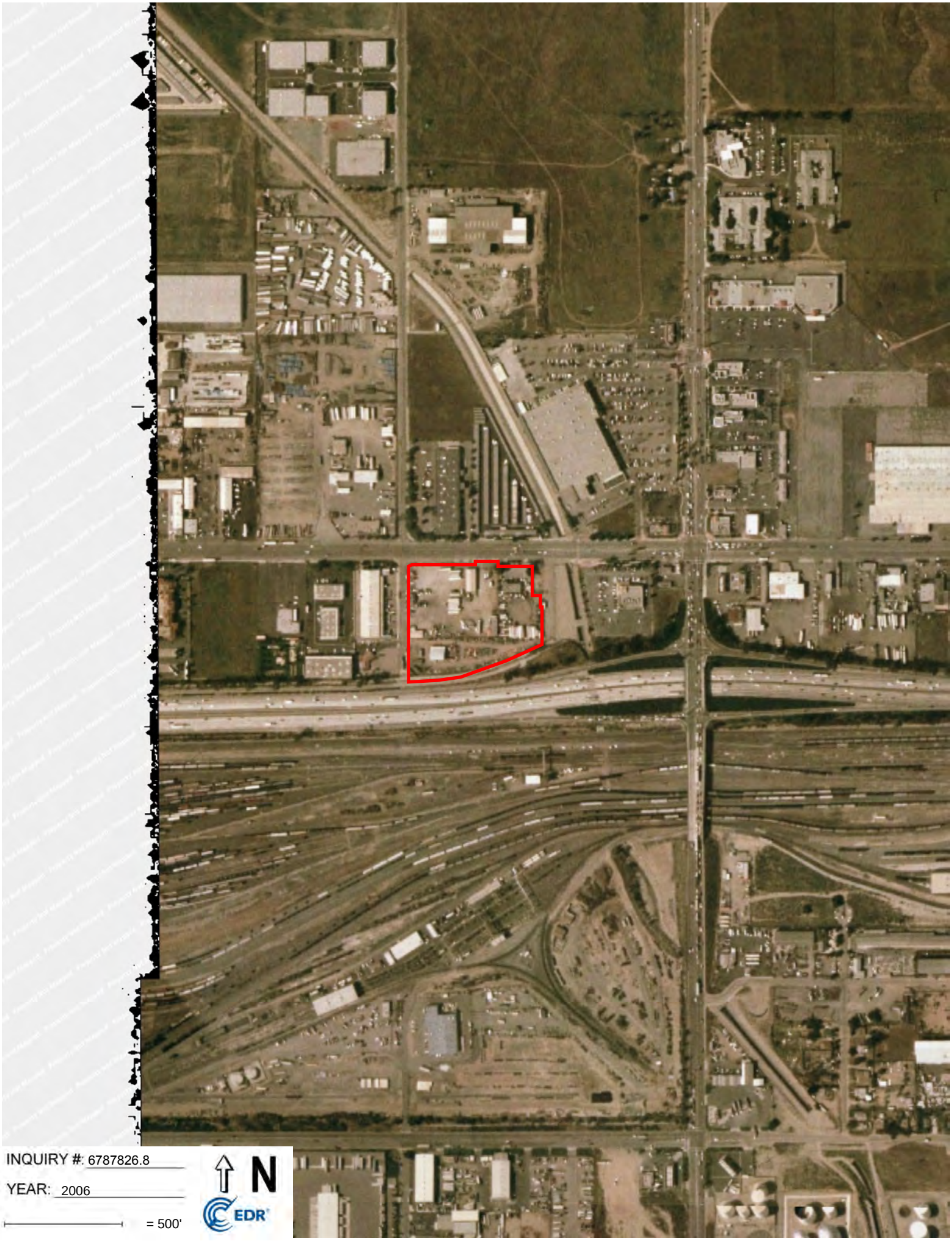
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INQUIRY #: 6787826.8
YEAR: 2016
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N
EDR


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YEAR: 2012
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EDR


INQUIRY #: 6787826.8
YEAR: 2009
= 500'
N
EDR



INQUIRY #: 6787826.8

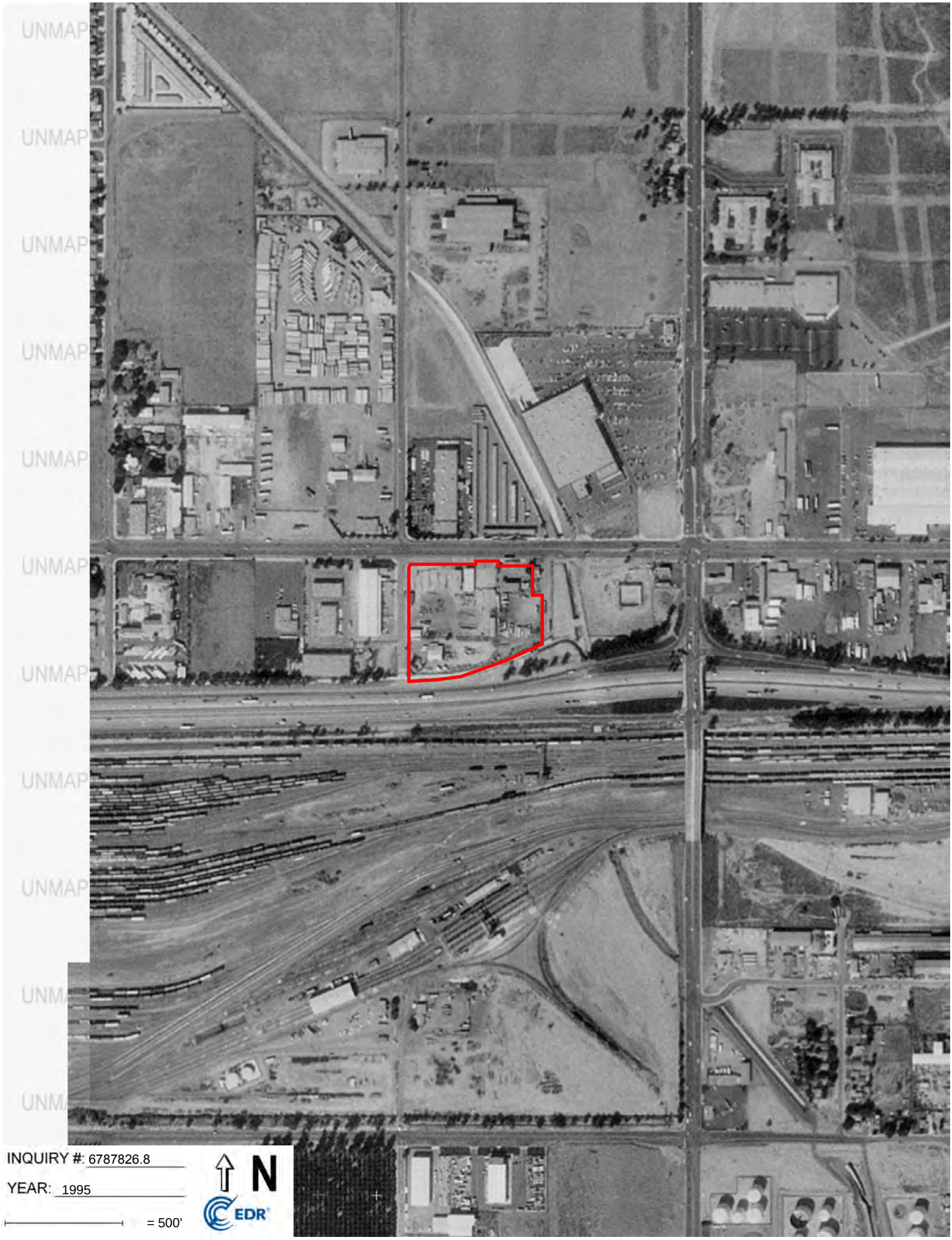
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EDR


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EDR


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EDR


INQUIRY #: 6787826.8
YEAR: 1989
= 500'
N
EDR



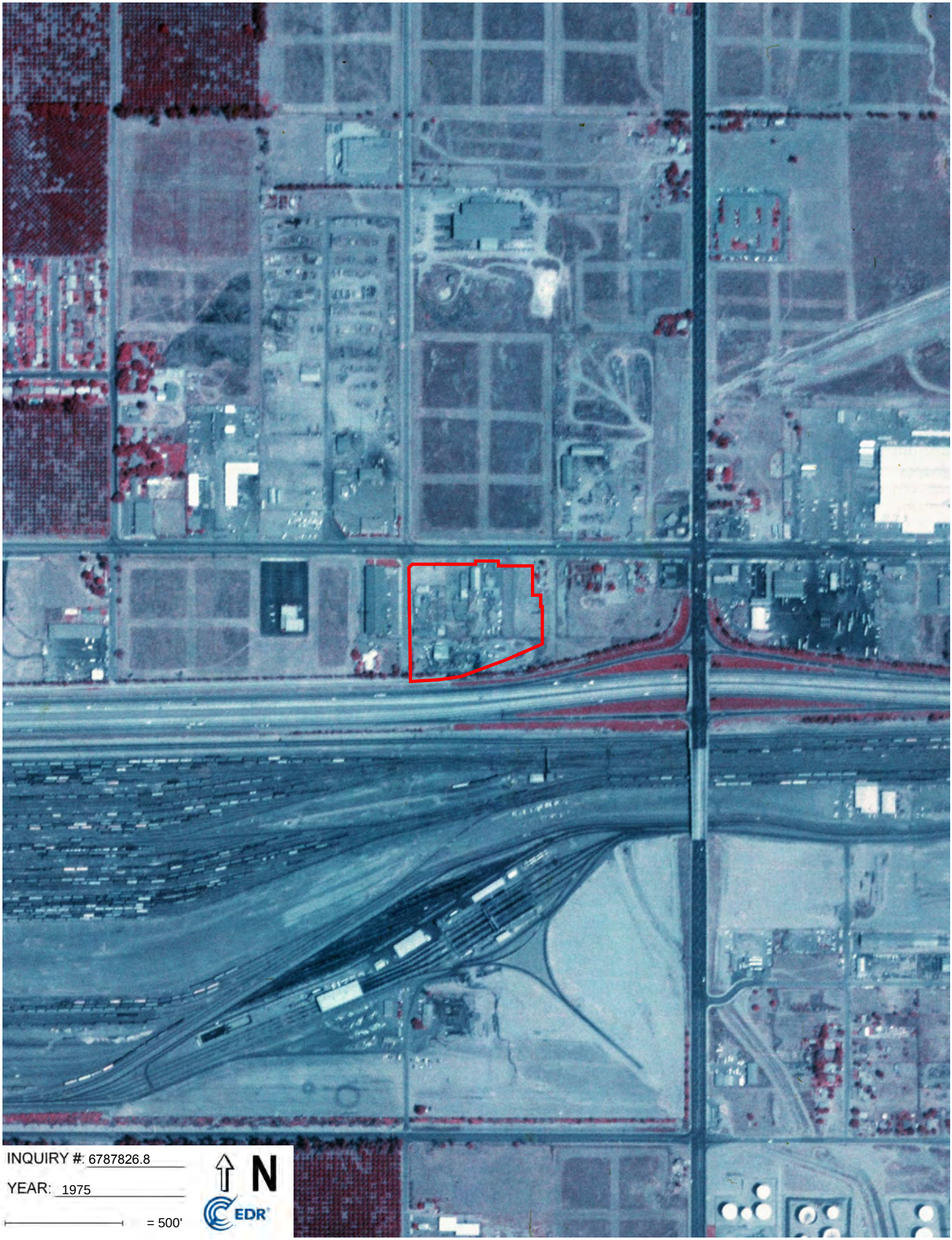
INQUIRY #: 6787826.8

YEAR: 1985

= 500'

N

EDR


INQUIRY #: 6787826.8
YEAR: 1975
= 500'
N
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INQUIRY #: 6787826.8
YEAR: 1968
= 500'
N
EDR


INQUIRY #: 6787826.8
YEAR: 1966
= 500'
N
EDR


INQUIRY #: 6787826.8
YEAR: 1959
= 500'
N
EDR


INQUIRY #: 6787826.8
YEAR: 1953
= 500'
N
EDR


INQUIRY #: 6787826.8
YEAR: 1949
= 500'
N
EDR


INQUIRY #: 6787826.8
YEAR: 1938
= 500'
N
EDR

1743 S Willow Ave
1743 S Willow Ave
Rialto, CA 92376

Inquiry Number: 6787826.2s
December 14, 2021

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1743 S WILLOW AVE
RIALTO, CA 92376

COORDINATES

Latitude (North):	34.0692270 - 34ˆ 4' 9.21''
Longitude (West):	117.3737830 - 117ˆ 22' 25.61''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	465509.1
UTM Y (Meters):	3769700.2
Elevation:	1057 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12016021 SAN BERNARDINO SOUTH, CA
Version Date:	2018
West Map:	12015969 FONTANA, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140603
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1743 S WILLOW AVE
RIALTO, CA 92376

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	R THOMPSON TRUCKING	1743 S WILLOW	CA SWEEPS UST, CA FID UST		TP
A2	TIMS MOBIL TRUCK REP	1743 S WILLOW AVE	CA HWTS		TP
A3	JV MOTORSPORTS	1743 S. WILLOW AVE.	CA HAZNET, CA HWTS		TP
A4	1X THOMPSON, INEZ	1743 SOUTH WILLOW	CA HAZNET, CA HWTS		TP
B5	CLEM TRANS INC	213 W VALLEY BLVD.	FINDS	Higher	1 ft.
B6	CLEM TRANS INC	213 W VALLEY BLVD.	CA LUST, CA HIST UST, CA Cortese, CA San Bern. Co....	Higher	1 ft.
B7	CLEM TRANS INC	213 WEST VALLEY BLVD	CA RGA LUST	Higher	1 ft.
B8	CLEM TRANS INC	213 W VALLEY BLVD.	CA RGA LUST	Higher	1 ft.
B9	CLEMONS, G.	213 W VALLEY BLVD	CA SWEEPS UST, CA FID UST	Higher	1 ft.
B10	CLEM-TRANS INC	213 WEST VALLEY BOUL	CA HIST UST	Higher	1 ft.
11	ABILITY HEAVY MOVERS	285 W VALLEY BLVD	CA SWEEPS UST, CA FID UST	Higher	29, 0.005, NNW
C12	CLEM TRANS INC	213 VALLEY BLVD.	CA LUST	Higher	57, 0.011, NNE
C13	I-10 TRUCK STOP	195 VALLEY BOULEVARD	CA LUST, CA Cortese, CA CERS	Higher	120, 0.023, NE
D14	WHITING DOOR MFG COR	311 W VALLEY BLVD	RCRA-SQG, CA HAZNET, CA HWTS	Higher	145, 0.027, WNW
D15	WHITING DOOR MFG COR	311 W VALLEY BLVD	RCRA-SQG, CA EMI, CA HAZNET, CA San Bern. Co....	Higher	145, 0.027, WNW
E16	HOMETOWN BUFFET #753	127 W VALLEY BLVD	CA San Bern. Co. Permit	Higher	285, 0.054, ENE
F17	DOUGLAS TRUCKING	350 W VALLEY BLVD	TX Ind. Haz Waste	Higher	312, 0.059, NW
F18	FAT EQUIP RENTAL INC	350 W VALLEY BLVD	CA SWEEPS UST, CA FID UST	Higher	312, 0.059, NW
F19	SQUARE TRANSPORTATIO	350 W VALLEY BLVD	RCRA NonGen / NLR	Higher	312, 0.059, NW
F20	SQUARE TRANSPORTATIO	350 W VALLEY BLVD	CA San Bern. Co. Permit	Higher	312, 0.059, NW
F21	RRL DIESEL REPAIR SH	350 W VALLEY BLVD	RCRA NonGen / NLR	Higher	312, 0.059, NW
F22	BELCO TRANSPORT, INC	350 W VALLEY BLVD	RCRA NonGen / NLR	Higher	312, 0.059, NW
G23	FED EX	280 W VALLEY BLVD	CA FID UST, CA HAZNET, CA CIWQS, CA HWTS	Higher	324, 0.061, North
G24	GOODFELLOW CORP CA	280 W VALLEY BLVD	RCRA NonGen / NLR	Higher	324, 0.061, North
G25	FEDERAL EXPRESS CORP	280 W VALLEY BLVD	CA UST, CA SWEEPS UST, CA WDS	Higher	324, 0.061, North
G26	FEDERAL EXPRESS CORP	280 W VALLEY BLVD	CA San Bern. Co. Permit	Higher	324, 0.061, North
E27	PAUL HUBBS CONSTRUCT	140 WEST VALLEY BLVD	CA HIST UST	Higher	331, 0.063, NE
E28	PAUL HUBBS CONSTRUCT	140 W VALLEY BLVD	CA HIST UST	Higher	331, 0.063, NE
E29	PAUL HUBBS CONSTRUCT	140 W VALLEY BLVD	CA SWEEPS UST, CA FID UST, CA EMI	Higher	331, 0.063, NE
F30	ORION FLOORING, INC	363 W VALLEY BLVD	RCRA NonGen / NLR	Higher	504, 0.095, WNW
E31	THRIFTY OIL #323/ AR	111 VALLEY BLVD	CA LUST	Higher	560, 0.106, ENE
H32	ARCO FACILITY NO 096	111 W VALLEY BLVD	RCRA-SQG, FINDS, ECHO	Higher	573, 0.109, ENE
H33	SPEEDWAY NO. 3975 (U	111 W VALLEY BLVD	CA LUST, CA CERS HAZ WASTE, CA SWEEPS UST, CA FID...	Higher	573, 0.109, ENE
H34	SPEEDWAY NO. 3975 (U	111 W VALLEY BLVD	CA UST	Higher	573, 0.109, ENE
H35	ARCO STN 323	111 W VALLEY	CA HIST UST	Higher	573, 0.109, ENE
H36	THRIFTY OIL 323	111 W VALLEY BLVD	EDR Hist Auto	Higher	573, 0.109, ENE
H37	SPEEDWAY #3975	111 W VALLEY BLVD	RCRA NonGen / NLR	Higher	573, 0.109, ENE
H38	TESORO REFINING & MA	111 W VALLEY BLVD	RCRA NonGen / NLR	Higher	573, 0.109, ENE
H39	ARCO #9695	111 W VALLEY BLVD	CA UST	Higher	573, 0.109, ENE

MAPPED SITES SUMMARY

Target Property Address:
1743 S WILLOW AVE
RIALTO, CA 92376

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E40	TEXACO SERVICE STATI	120 VALLEY BLVD	CA LUST, CA HIST CORTESE	Higher	575, 0.109, ENE
H41	TEXACO SERVICE STATI	120 W VALLEY BLVD	CA LUST, CA Cortese, CA CERS	Higher	632, 0.120, NE
H42	VICS TEXACO SERVICE	120 W VALEY	EDR Hist Auto	Higher	632, 0.120, NE
H43	RIALTO, CITY OF (TEX	102 VALLEY	CA LUST, CA HIST CORTESE	Higher	668, 0.127, ENE
H44	CHEVRON #9-6969	101 VALLEY BLVD	CA LUST	Higher	668, 0.127, ENE
I45	GRAY / ICE BUILDERS	1610 S. RIVERSIDE DR	RCRA NonGen / NLR	Higher	821, 0.155, NE
I46	WALMART #1862	1610 S RIVERSIDE AVE	CA AST, CA HAZNET, CA HWTS	Higher	821, 0.155, NE
I47	WAL-MART STORE #1862	1610 S. RIVERSIDE AV	CA AST	Higher	821, 0.155, NE
I48	WAL-MART #1862	1610 SOUTH RIVERSIDE	RCRA-LQG	Higher	821, 0.155, NE
I49	AUTOZONE 5214	1610 S RIVERSIDE AVE	RCRA NonGen / NLR	Higher	821, 0.155, NE
I50	WALMART #1862	1610 S RIVERSIDE AVE	RCRA NonGen / NLR	Higher	821, 0.155, NE
I51	DD'S DISCOUNT #5398	1610 S RIVERSIDE AVE	RCRA NonGen / NLR	Higher	821, 0.155, NE
I52	WAL-MART STORE 1862	1610 S RIVERSIDE AVE	CA CERS HAZ WASTE, CA San Bern. Co. Permit, CA...	Higher	821, 0.155, NE
H53	CHEVRON STATION #696	101 E VALLEY BLVD	CA UST	Higher	849, 0.161, ENE
H54	CHEVRON 96969	101 E VALLEY BLVD	CA CERS HAZ WASTE, CA CERS TANKS, CA FID UST, CA...	Higher	849, 0.161, ENE
H55	CHEVRON STATION #696	101 E VALLEY BLVD	CA SWEEPS UST	Higher	849, 0.161, ENE
H56	CHEVRON STATION #969	101 E VALLEY BLVD	CA UST	Higher	849, 0.161, ENE
H57	96969	101 E VALLEY BLVD	CA LUST, CA HIST UST, CA Cortese, CA CERS	Higher	849, 0.161, ENE
H58	CHEVRON NO 96969	101 E VALLEY BLVD	RCRA-SQG	Higher	849, 0.161, ENE
H59	CHEVRON STATION NO 9	101 E VALLEY BLVD	RCRA-SQG, FINDS, ECHO, CA HAZNET	Higher	849, 0.161, ENE
J60	J.A.C.K DIESEL REPAI	450 W VALLEY BLVD	RCRA NonGen / NLR	Higher	904, 0.171, WNW
J61	G N S TRUCK & TRAILE	450 W VALLEY	CA CERS HAZ WASTE, CA CERS TANKS, CA HAZNET, CA...	Higher	904, 0.171, WNW
J62	J.A.C.K DIESEL REPAI	450 W VALLEY BLVD	CA HAZNET, CA San Bern. Co. Permit, CA HWTS	Higher	904, 0.171, WNW
J63	J.A.C.K. DIESEL REPA	450 W VALLEY BLVD	CA AST	Higher	904, 0.171, WNW
J64	STEEL UNLIMITED INC	452 W VALLEY BLVD	RCRA NonGen / NLR	Higher	913, 0.173, WNW
J65	STEEL UNLIMITED INC	452 W VALLEY BLVD	CA CERS HAZ WASTE, CA HAZNET, CA NPDES, CA San...	Higher	913, 0.173, WNW
J66	STEEL UNLIMITED INC	452 W VALLEY BLVD	RCRA-LQG, CA HAZNET, CA HWTS	Higher	913, 0.173, WNW
K67	JUST GAS INC	102 E VALLEY BLVD	CA SWEEPS UST, CA FID UST	Higher	1033, 0.196, ENE
K68	RIALTO, CITY OF (TEX	102 E VALLEY BLVD	CA LUST, CA Cortese, CA CERS	Higher	1033, 0.196, ENE
K69	TEXACO	102 E VALLEY BLVD	CA HIST UST	Higher	1033, 0.196, ENE
K70	MIDAS OF RIALTO LLC	110 E VALLEY BLVD	CA CERS HAZ WASTE, CA San Bern. Co. Permit, CA...	Higher	1037, 0.196, ENE
K71	ATV INC AMERICAN TIR	110 E VALLEY BLVD	RCRA NonGen / NLR	Higher	1037, 0.196, ENE
J72	IE MENESES INC DBA Q	476 W VALLEY BLVD	RCRA NonGen / NLR	Higher	1090, 0.206, WNW
L73	P & S TRUCK CENTER	161 E VALLEY BLVD	CA CERS HAZ WASTE, CA SWEEPS UST, CA HIST UST, CA...	Higher	1103, 0.209, East
L74	P & S TRUCK CENTER	161 E VALLEY BLVD	RCRA NonGen / NLR	Higher	1103, 0.209, East
J75	PEP BOYS STORE#1669	484 W VALLEY BLVD	RCRA NonGen / NLR	Higher	1111, 0.210, WNW
J76	DISCOUNT TIRE CENTER	484 W VALLEY BLVD	CA San Bern. Co. Permit	Higher	1111, 0.210, WNW
J77	PEP BOYS #1669	484 W VALLEY BLVD	CA CERS HAZ WASTE, CA San Bern. Co. Permit, CA...	Higher	1111, 0.210, WNW
J78	PEP BOYS #1669	484 W VALLEY RD	RCRA-VSQG	Higher	1111, 0.210, WNW

MAPPED SITES SUMMARY

Target Property Address:
1743 S WILLOW AVE
RIALTO, CA 92376

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
79	VERIZON WIRELESS: RI	1531 S WILLOW AVE	CA San Bern. Co. Permit, CA CERS	Higher	1121, 0.212, North
K80	CLUTCH MASTERS INDUS	267 E VALLEY BLVD	CA CERS HAZ WASTE, CA NPDES, CA San Bern. Co....	Higher	1254, 0.237, ENE
K81	CLUTCH MASTERS IND.	267 E VALLEY BL	RCRA NonGen / NLR	Higher	1254, 0.237, ENE
82	DOOR COMPANY OF SAN	1591 SOUTH LILAC AVE	CA SWEEPS UST, CA HIST UST	Higher	1271, 0.241, NW
L83	10-10 TRUCK STOP	195 E VALLEY RIALTO	CA SWEEPS UST	Higher	1294, 0.245, East
L84	I-10 TRUCK STOP	195 E VALLEY BLVD	CA CERS HAZ WASTE, CA CERS TANKS, CA HAZNET, CA...	Higher	1294, 0.245, East
L85	10-10 TRUCK STOP	195 E VALLEY RIALTO	CA FID UST	Higher	1294, 0.245, East
L86	I 10 TRUCK STOP	195 E VALLEY BLVD	RCRA NonGen / NLR	Higher	1294, 0.245, East
L87	10-10 TRUCK STOP	195 E VALLEY RIALTO	CA HIST UST	Higher	1294, 0.245, East
L88	I-10 TRUCK STOP	195 E VALLEY BLVD	CA UST	Higher	1294, 0.245, East
M89	W C BROWN WELDING IN	1485 S WILLOW AVE	CA CPS-SLIC, CA SWEEPS UST, CA FID UST, CA San...	Higher	1515, 0.287, North
M90	WDLJ SOUTH PROPERTY	1485 SOUTH WILLOW ST	CA ENVIROSTOR	Higher	1515, 0.287, North
91	I-10 TRUCK STOP	195 E VALLEY BLVD	CA LUST, CA SWEEPS UST, CA Cortese, CA San Bern....	Higher	1548, 0.293, ENE
92	SOUTHERN PACIFIC RAI	200 MARION WAY	CA LUST, CA Toxic Pits, CA SWEEPS UST, CA Cortese,...	Lower	2042, 0.387, SE
93	TELCO FOODS	2111 VALLEY BOULEVAR	CA LUST, CA Cortese, CA CERS	Higher	2278, 0.431, ENE
94	CACTUS MIDDLE SCHOOL	VALLEY BOULEVARD/CAC	CA ENVIROSTOR, CA SCH, CA CERS	Higher	2660, 0.504, West
95	CACTUS ELEMENTARY SC	10050 CACTUS AVENUE	CA ENVIROSTOR, CA SCH, CA CERS	Higher	2765, 0.524, WNW
96	HAZMAT TSDF INC, FOR	180 WEST MONTE AVENU	CORRACTS, RCRA-SQG, CA ENVIROSTOR, US FIN ASSUR,..	Lower	2875, 0.545, South
97	FONTANA PLATING FACI	130 WEST MINDANAO ST	CA ENVIROSTOR, CA VCP, CA HAZNET, CA HWTS	Lower	3250, 0.616, SSE
98	SOUTHERN PACIFIC TRA	19100 SLOVER AVENUE	CA ENVIROSTOR, CA CHMIRS	Lower	4601, 0.871, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
R THOMPSON TRUCKING 1743 S WILLOW RIALTO, CA 92376	CA SWEEPS UST Status: A Tank Status: A Comp Number: 10188 CA FID UST Facility Id: 36005016 Status: A	N/A
TIMS MOBIL TRUCK REP 1743 S WILLOW AVE RIALTO, CA 92376	CA HWTS	N/A
JV MOTORSPORTS 1743 S. WILLOW AVE. RIALTO, CA 92376	CA HAZNET GEPAID: CAC002821744 CA HWTS	N/A
1X THOMPSON, INEZ 1743 SOUTH WILLOW RIALTO, CA 92376	CA HAZNET GEPAID: CAC000292609 CA HWTS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing

SEMS Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE Superfund Enterprise Management System Archive

Lists of Federal RCRA TSD facilities

RCRA-TSDF RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS Land Use Control Information System
US ENG CONTROLS Engineering Controls Sites List
US INST CONTROLS Institutional Controls Sites List

Federal ERNS list

ERNS Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

CA RESPONSE State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

CA SWF/LF Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST Underground Storage Tank Listing
INDIAN UST Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

CA BROWNFIELDS Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

CA WMUDS/SWAT Waste Management Unit Database

CA SWRCY Recycler Database
CA HAULERS Registered Waste Tire Haulers Listing
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
ODI Open Dump Inventory
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
CA HIST Cal-Sites Historical Calsites Database
CA CDL Clandestine Drug Labs
US CDL National Clandestine Laboratory Register
CA PFAS PFAS Contamination Site Location Listing
CA AQUEOUS FOAM Former Fire Training Facility Assessments Listing

Local Land Records

CA LIENS Environmental Liens Listing
LIENS 2 CERCLA Lien Information
CA DEED Deed Restriction Listing

Records of Emergency Release Reports

HMIRS Hazardous Materials Information Reporting System
CA LDS Land Disposal Sites Listing
CA MCS Military Cleanup Sites Listing
CA SPILLS 90 SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS Formerly Used Defense Sites
DOD Department of Defense Sites
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST EPA WATCH LIST
2020 COR ACTION 2020 Corrective Action Program List
TSCA Toxic Substances Control Act
TRIS Toxic Chemical Release Inventory System
SSTS Section 7 Tracking Systems
ROD Records Of Decision
RMP Risk Management Plans
RAATS RCRA Administrative Action Tracking System
PRP Potentially Responsible Parties
PADS PCB Activity Database System
ICIS Integrated Compliance Information System
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS Material Licensing Tracking System
COAL ASH DOE Steam-Electric Plant Operation Data
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER PCB Transformer Registration Database
RADINFO Radiation Information Database
HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS Incident and Accident Data
CONSENT Superfund (CERCLA) Consent Decrees

INDIAN RESERV Indian Reservations
FUSRAP Formerly Utilized Sites Remedial Action Program
UMTRA Uranium Mill Tailings Sites
LEAD SMELTERS Lead Smelter Sites
US AIRS Aerometric Information Retrieval System Facility Subsystem
US MINES Mines Master Index File
ABANDONED MINES Abandoned Mines
UXO Unexploded Ordnance Sites
DOCKET HWC Hazardous Waste Compliance Docket Listing
FUELS PROGRAM EPA Fuels Program Registered Listing
CA BOND EXP. PLAN Bond Expenditure Plan
CA CUPA Listings CUPA Resources List
CA DRYCLEANERS Cleaner Facilities
CA ENF Enforcement Action Listing
CA Financial Assurance Financial Assurance Information Listing
CA HWT Registered Hazardous Waste Transporter Database
CA MINES Mines Site Location Listing
CA MWMP Medical Waste Management Program Listing
CA PEST LIC Pesticide Regulation Licenses Listing
CA PROC Certified Processors Database
CA Notify 65 Proposition 65 Records
CA UIC UIC Listing
CA UIC GEO UIC GEO (GEOTRACKER)
CA WASTEWATER PITS Oil Wastewater Pits Listing
CA WIP Well Investigation Program Case List
CA MILITARY PRIV SITES MILITARY PRIV SITES (GEOTRACKER)
CA PROJECT PROJECT (GEOTRACKER)
CA WDR Waste Discharge Requirements Listing
CA NON-CASE INFO NON-CASE INFO (GEOTRACKER)
CA OTHER OIL GAS OTHER OIL & GAS (GEOTRACKER)
CA PROD WATER PONDS PROD WATER PONDS (GEOTRACKER)
CA SAMPLING POINT SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ Well Stimulation Project (GEOTRACKER)
MINES MRDS Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAZMAT TSDF INC, FOR EPA ID:: CAD982444481	***180 WEST MONTE AVENU***	***S 1/2 - 1 (0.545 mi.)***	***96***	***482***

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAL-MART #1862 EPA ID:: CAL000098423	1610 SOUTH RIVERSIDE	NE 1/8 - 1/4 (0.155 mi.)	I48	197
STEEL UNLIMITED INC EPA ID:: CAR000197202	***452 W VALLEY BLVD***	***WNW 1/8 - 1/4 (0.173 mi.)***	***J66***	***319***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 5

RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WHITING DOOR MFG COR EPA ID:: CAD982493231	***311 W VALLEY BLVD***	***WNW 0 - 1/8 (0.027 mi.)***	***D14***	***23***
WHITING DOOR MFG COR EPA ID:: CAD982493553	***311 W VALLEY BLVD***	***WNW 0 - 1/8 (0.027 mi.)***	***D15***	***77***
ARCO FACILITY NO 096 EPA ID:: CAR000104000	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H32***	***125***
CHEVRON NO 96969 EPA ID:: CAP000067413	101 E VALLEY BLVD	ENE 1/8 - 1/4 (0.161 mi.)	H58	235
CHEVRON STATION NO 9 EPA ID:: CAR000118208	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H59***	***238***

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEP BOYS #1669 EPA ID:: CAR000275180	484 W VALLEY RD	WNW 1/8 - 1/4 (0.210 mi.)	J78	384

Lists of state- and tribal hazardous waste facilities

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 07/22/2021 has revealed that there are 6 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WDLJ SOUTH PROPERTY Facility Id: 60001766 Status: No Action Required	1485 SOUTH WILLOW ST	N 1/4 - 1/2 (0.287 mi.)	M90	459
CACTUS MIDDLE SCHOOL	***VALLEY BOULEVARD/CAC***	***W 1/2 - 1 (0.504 mi.)***	***94***	***474***

Facility Id: 36010034
Status: No Further Action

CACTUS ELEMENTARY SC	***10050 CACTUS AVENUE***	***WNW 1/2 - 1 (0.524 mi.)***	***95***	***477***
Facility Id: 36010024 Status: No Further Action				

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAZMAT TSDF INC, FOR	***180 WEST MONTE AVENU***	***S 1/2 - 1 (0.545 mi.)***	***96***	***482***
Facility Id: 80001495 Status: Inactive - Needs Evaluation				
FONTANA PLATING FACI	***130 WEST MINDANAO ST***	***SSE 1/2 - 1 (0.616 mi.)***	***97***	***869***
Facility Id: 60002429 Status: Active				
SOUTHERN PACIFIC TRA	***19100 SLOVER AVENUE***	***WSW 1/2 - 1 (0.871 mi.)***	***98***	***899***
Facility Id: 36370027 Status: No Further Action				

Lists of state and tribal leaking storage tanks

CA LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA LUST list, as provided by EDR, has revealed that there are 14 CA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC	***213 W VALLEY BLVD.***	***0 - 1/8 (0.000 mi.)***	***B6***	***13***
Database: LUST, Date of Government Version: 09/07/2021 Global Id: T0607199297 Status: Completed - Case Closed				
CLEM TRANS INC	213 VALLEY BLVD.	NNE 0 - 1/8 (0.011 mi.)	C12	20
Database: LUST REG 8, Date of Government Version: 02/14/2005 Global ID: T0607199297 Facility Status: Case Closed				
I-10 TRUCK STOP	***195 VALLEY BOULEVARD***	***NE 0 - 1/8 (0.023 mi.)***	***C13***	***21***
Database: LUST, Date of Government Version: 09/07/2021 Global Id: T0607199509 Status: Completed - Case Closed				
THRIFTY OIL #323/ AR	111 VALLEY BLVD	ENE 0 - 1/8 (0.106 mi.)	E31	124
Database: LUST REG 8, Date of Government Version: 02/14/2005 Global ID: T0607100519 Facility Status: Preliminary site assessment underway				
SPEEDWAY NO. 3975 (U	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***128***
Database: LUST, Date of Government Version: 09/07/2021 Global Id: T0607100519 Status: Completed - Case Closed				
TEXACO SERVICE STATI	***120 VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***E40***	***149***
Database: LUST REG 8, Date of Government Version: 02/14/2005				

Global ID: T0607100424
Facility Status: Case Closed

TEXACO SERVICE STATI ***120 W VALLEY BLVD*** ***NE 0 - 1/8 (0.120 mi.)*** ***H41*** ***151***
Database: LUST, Date of Government Version: 09/07/2021
Global Id: T0607100424
Status: Completed - Case Closed

RIALTO, CITY OF (TEX ***102 VALLEY*** ***ENE 1/8 - 1/4 (0.127 mi.)*** ***H43*** ***153***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Global ID: T0607100101
Facility Status: Case Closed

CHEVRON #9-6969 101 VALLEY BLVD ENE 1/8 - 1/4 (0.127 mi.) H44 154
Database: LUST REG 8, Date of Government Version: 02/14/2005
Global ID: T0607100325
Facility Status: Case Closed

96969 ***101 E VALLEY BLVD*** ***ENE 1/8 - 1/4 (0.161 mi.)*** ***H57*** ***232***
Database: LUST, Date of Government Version: 09/07/2021
Global Id: T0607100325
Status: Completed - Case Closed

RIALTO, CITY OF (TEX ***102 E VALLEY BLVD*** ***ENE 1/8 - 1/4 (0.196 mi.)*** ***K68*** ***347***
Database: LUST, Date of Government Version: 09/07/2021
Global Id: T0607100101
Status: Completed - Case Closed

I-10 TRUCK STOP ***195 E VALLEY BLVD*** ***ENE 1/4 - 1/2 (0.293 mi.)*** ***91*** ***461***
Database: LUST, Date of Government Version: 09/07/2021
Global Id: T10000007268
Status: Completed - Case Closed

TELCO FOODS ***2111 VALLEY BOULEVAR*** ***ENE 1/4 - 1/2 (0.431 mi.)*** ***93*** ***471***
Database: LUST, Date of Government Version: 09/07/2021
Global Id: T0607105014
Status: Completed - Case Closed

Lower Elevation	Address	Direction / Distance	Map ID	Page

SOUTHERN PACIFIC RAI ***200 MARION WAY*** ***SE 1/4 - 1/2 (0.387 mi.)*** ***92*** ***467***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 09/07/2021
Global Id: T0607100106
Global ID: T0607100106
Status: Completed - Case Closed
Facility Status: Case Closed

CA CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA CPS-SLIC list, as provided by EDR, has revealed that there is 1 CA CPS-SLIC site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page

W C BROWN WELDING IN ***1485 S WILLOW AVE*** ***N 1/4 - 1/2 (0.287 mi.)*** ***M89*** ***455***
Database: CPS-SLIC, Date of Government Version: 09/07/2021

Global Id: T10000001676
Facility Status: Completed - Case Closed

Lists of state and tribal registered storage tanks

CA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the CA UST list, as provided by EDR, has revealed that there are 6 CA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FEDERAL EXPRESS CORP	***280 W VALLEY BLVD***	***N 0 - 1/8 (0.061 mi.)***	***G25***	***115***
Database: UST, Date of Government Version: 09/07/2021 Facility Id: 87013790				
SPEEDWAY NO. 3975 (U	111 W VALLEY BLVD	ENE 0 - 1/8 (0.109 mi.)	H34	141
Database: UST, Date of Government Version: 09/07/2021 Facility Id: FA0001024				
ARCO #9695	111 W VALLEY BLVD	ENE 0 - 1/8 (0.109 mi.)	H39	149
Database: UST, Date of Government Version: 09/07/2021 Facility Id: 86008454				
CHEVRON STATION #696	101 E VALLEY BLVD	ENE 1/8 - 1/4 (0.161 mi.)	H53	220
Database: UST, Date of Government Version: 09/07/2021 Facility Id: 86008451				
CHEVRON STATION #969	101 E VALLEY BLVD	ENE 1/8 - 1/4 (0.161 mi.)	H56	231
Database: UST, Date of Government Version: 09/07/2021 Facility Id: FA0001899				
I-10 TRUCK STOP	195 E VALLEY BLVD	E 1/8 - 1/4 (0.245 mi.)	L88	454
Database: UST, Date of Government Version: 09/07/2021 Facility Id: FA0003905				

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the CA AST list, as provided by EDR, has revealed that there are 3 CA AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WALMART #1862	***1610 S RIVERSIDE AVE***	***NE 1/8 - 1/4 (0.155 mi.)***	***I46***	***158***
Database: AST, Date of Government Version: 07/06/2016				
WAL-MART STORE #1862	1610 S. RIVERSIDE AV	NE 1/8 - 1/4 (0.155 mi.)	I47	197
Database: AST, Date of Government Version: 07/06/2016				
J.A.C.K. DIESEL REPA	450 W VALLEY BLVD	WNW 1/8 - 1/4 (0.171 mi.)	J63	295
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CA CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CA CERS HAZ WASTE list, as provided by EDR, and dated 07/15/2021 has revealed that there are 10 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPEEDWAY NO. 3975 (U	*111 W VALLEY BLVD*	*ENE 0 - 1/8 (0.109 mi.)*	*H33*	*128*
WAL-MART STORE 1862	*1610 S RIVERSIDE AVE*	*NE 1/8 - 1/4 (0.155 mi.)*	*I52*	*214*
CHEVRON 96969	*101 E VALLEY BLVD*	*ENE 1/8 - 1/4 (0.161 mi.)*	*H54*	*220*
G N S TRUCK & TRAILE	*450 W VALLEY*	*WNW 1/8 - 1/4 (0.171 mi.)*	*J61*	*283*
STEEL UNLIMITED INC	*452 W VALLEY BLVD*	*WNW 1/8 - 1/4 (0.173 mi.)*	*J65*	*298*
MIDAS OF RIALTO LLC	*110 E VALLEY BLVD*	*ENE 1/8 - 1/4 (0.196 mi.)*	*K70*	*349*
P & S TRUCK CENTER	*161 E VALLEY BLVD*	*E 1/8 - 1/4 (0.209 mi.)*	*L73*	*357*
PEP BOYS #1669	*484 W VALLEY BLVD*	*WNW 1/8 - 1/4 (0.210 mi.)*	*J77*	*377*
CLUTCH MASTERS INDUS	*267 E VALLEY BLVD*	*ENE 1/8 - 1/4 (0.237 mi.)*	*K80*	*389*
I-10 TRUCK STOP	*195 E VALLEY BLVD*	*E 1/8 - 1/4 (0.245 mi.)*	*L84*	*404*

CA Toxic Pits: The Toxic Pits Cleanup Act Sites database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The data come from the State Water Resources Control Board.

A review of the CA Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there is 1 CA Toxic Pits site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN PACIFIC RAI	*200 MARION WAY*	*SE 1/4 - 1/2 (0.387 mi.)*	*92*	*467*
Closure Date: 02/21/91				
Task #: 88005				
Status: CLOSED				

Local Lists of Registered Storage Tanks

CA SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 11 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEMONS, G.	*213 W VALLEY BLVD*	*0 - 1/8 (0.000 mi.)*	*B9*	*17*
Status: A				

Tank Status: A Comp Number: 68692				
ABILITY HEAVY MOVERS Status: A Tank Status: A Comp Number: 11399	***285 W VALLEY BLVD***	***NNW 0 - 1/8 (0.005 mi.)***	***11***	***19***
FAT EQUIP RENTAL INC Status: A Tank Status: A Comp Number: 8456	***350 W VALLEY BLVD***	***NW 0 - 1/8 (0.059 mi.)***	***F18***	***96***
FEDERAL EXPRESS CORP Status: A Tank Status: A Comp Number: 13790	***280 W VALLEY BLVD***	***N 0 - 1/8 (0.061 mi.)***	***G25***	***115***
PAUL HUBBS CONSTRUCT Comp Number: 35560	***140 W VALLEY BLVD***	***NE 0 - 1/8 (0.063 mi.)***	***E29***	***119***
SPEEDWAY NO. 3975 (U Status: A Tank Status: A Comp Number: 2500	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***128***
CHEVRON STATION #696 Status: A Tank Status: A Comp Number: 62941	101 E VALLEY BLVD	ENE 1/8 - 1/4 (0.161 mi.)	H55	230
JUST GAS INC Comp Number: 51115	***102 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.196 mi.)***	***K67***	***344***
P & S TRUCK CENTER Status: A Tank Status: A Comp Number: 8519	***161 E VALLEY BLVD***	***E 1/8 - 1/4 (0.209 mi.)***	***L73***	***357***
DOOR COMPANY OF SAN Comp Number: 9399	***1591 SOUTH LILAC AVE***	***NW 1/8 - 1/4 (0.241 mi.)***	***82***	***401***
10-10 TRUCK STOP Status: A Tank Status: A Comp Number: 57683	195 E VALLEY RIALTO	E 1/8 - 1/4 (0.245 mi.)	L83	402

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 10 CA HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC Facility Id: 00000068692	***213 W VALLEY BLVD.***	***0 - 1/8 (0.000 mi.)***	***B6***	***13***
CLEM-TRANS INC	213 WEST VALLEY BOUL	0 - 1/8 (0.000 mi.)	B10	18
PAUL HUBBS CONSTRUCT	140 WEST VALLEY BLVD	NE 0 - 1/8 (0.063 mi.)	E27	117
PAUL HUBBS CONSTRUCT Facility Id: 00000035560	140 W VALLEY BLVD	NE 0 - 1/8 (0.063 mi.)	E28	118
ARCO STN 323	111 W VALLEY	ENE 0 - 1/8 (0.109 mi.)	H35	141

Facility Id: 00000002500				
96969	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H57***	***232***
Facility Id: 00000062941				
TEXACO	102 E VALLEY BLVD	ENE 1/8 - 1/4 (0.196 mi.)	K69	349
P & S TRUCK CENTER	***161 E VALLEY BLVD***	***E 1/8 - 1/4 (0.209 mi.)***	***L73***	***357***
Facility Id: 00000008519				
DOOR COMPANY OF SAN	***1591 SOUTH LILAC AVE***	***NW 1/8 - 1/4 (0.241 mi.)***	***82***	***401***
Facility Id: 00000009399				
10-10 TRUCK STOP	195 E VALLEY RIALTO	E 1/8 - 1/4 (0.245 mi.)	L87	453
Facility Id: 00000057683				

CA CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CA CERS TANKS list, as provided by EDR, and dated 07/15/2021 has revealed that there are 4 CA CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPEEDWAY NO. 3975 (U	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***128***
CHEVRON 96969	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H54***	***220***
G N S TRUCK & TRAILE	***450 W VALLEY***	***WNW 1/8 - 1/4 (0.171 mi.)***	***J61***	***283***
I-10 TRUCK STOP	***195 E VALLEY BLVD***	***E 1/8 - 1/4 (0.245 mi.)***	***L84***	***404***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 10 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEMONS, G.	***213 W VALLEY BLVD***	***0 - 1/8 (0.000 mi.)***	***B9***	***17***
Facility Id: 36009284				
Status: A				
ABILITY HEAVY MOVERS	***285 W VALLEY BLVD***	***NNW 0 - 1/8 (0.005 mi.)***	***11***	***19***
Facility Id: 36005571				
Status: A				
FAT EQUIP RENTAL INC	***350 W VALLEY BLVD***	***NW 0 - 1/8 (0.059 mi.)***	***F18***	***96***
Facility Id: 36005107				
Status: A				
FED EX	***280 W VALLEY BLVD***	***N 0 - 1/8 (0.061 mi.)***	***G23***	***108***
Facility Id: 36004790				
Status: A				
PAUL HUBBS CONSTRUCT	***140 W VALLEY BLVD***	***NE 0 - 1/8 (0.063 mi.)***	***E29***	***119***
Facility Id: 36002127				
Status: I				
SPEEDWAY NO. 3975 (U	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***128***
Facility Id: 36000967				
Status: A				
CHEVRON 96969	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H54***	***220***

Facility Id: 36009223 Status: A				
JUST GAS INC Facility Id: 36000394 Status: I	***102 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.196 mi.)***	***K67***	***344***
P & S TRUCK CENTER Facility Id: 36002536 Status: A	***161 E VALLEY BLVD***	***E 1/8 - 1/4 (0.209 mi.)***	***L73***	***357***
10-10 TRUCK STOP Facility Id: 36009174 Status: A	195 E VALLEY RIALTO	E 1/8 - 1/4 (0.245 mi.)	L85	450

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there are 19 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SQUARE TRANSPORTATIO EPA ID:: CAL000333968	350 W VALLEY BLVD	NW 0 - 1/8 (0.059 mi.)	F19	99
RRL DIESEL REPAIR SH	350 W VALLEY BLVD	NW 0 - 1/8 (0.059 mi.)	F21	103
BELCO TRANSPORT, INC EPA ID:: CAC003041678	350 W VALLEY BLVD	NW 0 - 1/8 (0.059 mi.)	F22	105
GOODFELLOW CORP CA EPA ID:: CAL000402318	280 W VALLEY BLVD	N 0 - 1/8 (0.061 mi.)	G24	113
ORION FLOORING, INC EPA ID:: CAC003050121	363 W VALLEY BLVD	WNW 0 - 1/8 (0.095 mi.)	F30	122
SPEEDWAY #3975	111 W VALLEY BLVD	ENE 0 - 1/8 (0.109 mi.)	H37	143
TESORO REFINING & MA EPA ID:: CAL000372930	111 W VALLEY BLVD	ENE 0 - 1/8 (0.109 mi.)	H38	146
GRAY / ICE BUILDERS EPA ID:: CAC002984216	1610 S. RIVERSIDE DR	NE 1/8 - 1/4 (0.155 mi.)	I45	156
AUTOZONE 5214 EPA ID:: CAL000451041	1610 S RIVERSIDE AVE	NE 1/8 - 1/4 (0.155 mi.)	I49	200
WALMART #1862 EPA ID:: CAR000205393	1610 S RIVERSIDE AVE	NE 1/8 - 1/4 (0.155 mi.)	I50	203
DD'S DISCOUNT #5398 EPA ID:: CAL000452789	1610 S RIVERSIDE AVE	NE 1/8 - 1/4 (0.155 mi.)	I51	212
J.A.C.K DIESEL REPAI EPA ID:: CAL000395702	450 W VALLEY BLVD	WNW 1/8 - 1/4 (0.171 mi.)	J60	280
STEEL UNLIMITED INC	452 W VALLEY BLVD	WNW 1/8 - 1/4 (0.173 mi.)	J64	296

EPA ID:: CAL000431438				
ATV INC AMERICAN TIR EPA ID:: CAL000408504	110 E VALLEY BLVD	ENE 1/8 - 1/4 (0.196 mi.)	K71	352
IE MENESES INC DBA Q EPA ID:: CAL000334183	476 W VALLEY BLVD	WNW 1/8 - 1/4 (0.206 mi.)	J72	355
P & S TRUCK CENTER EPA ID:: CAL000206439	161 E VALLEY BLVD	E 1/8 - 1/4 (0.209 mi.)	L74	371
PEP BOYS STORE#1669 EPA ID:: CAL000388513	484 W VALLEY BLVD	WNW 1/8 - 1/4 (0.210 mi.)	J75	374
CLUTCH MASTERS IND. EPA ID:: CAL000076368	267 E VALLEY BL	ENE 1/8 - 1/4 (0.237 mi.)	K81	399
I 10 TRUCK STOP EPA ID:: CAL000359508	195 E VALLEY BLVD	E 1/8 - 1/4 (0.245 mi.)	L86	451

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 05/05/2021 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC Registry ID:: 110065728608	213 W VALLEY BLVD.	0 - 1/8 (0.000 mi.)	B5	12

CA Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the CA Cortese list, as provided by EDR, and dated 09/20/2021 has revealed that there are 9 CA Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC Cleanup Status: COMPLETED - CASE CLOSED	***213 W VALLEY BLVD.***	***0 - 1/8 (0.000 mi.)***	***B6***	***13***
I-10 TRUCK STOP Cleanup Status: COMPLETED - CASE CLOSED	***195 VALLEY BOULEVARD***	***NE 0 - 1/8 (0.023 mi.)***	***C13***	***21***
SPEEDWAY NO. 3975 (U Cleanup Status: COMPLETED - CASE CLOSED	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***128***
TEXACO SERVICE STATI Cleanup Status: COMPLETED - CASE CLOSED	***120 W VALLEY BLVD***	***NE 0 - 1/8 (0.120 mi.)***	***H41***	***151***
96969 Cleanup Status: COMPLETED - CASE CLOSED	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H57***	***232***
RIALTO, CITY OF (TEX	***102 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.196 mi.)***	***K68***	***347***

Cleanup Status: COMPLETED - CASE CLOSED

I-10 TRUCK STOP	***195 E VALLEY BLVD***	***ENE 1/4 - 1/2 (0.293 mi.)***	***91***	***461***
Cleanup Status: COMPLETED - CASE CLOSED				
TELCO FOODS	***2111 VALLEY BOULEVAR***	***ENE 1/4 - 1/2 (0.431 mi.)***	***93***	***471***
Cleanup Status: COMPLETED - CASE CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN PACIFIC RAI	***200 MARION WAY***	***SE 1/4 - 1/2 (0.387 mi.)***	***92***	***467***
Cleanup Status: COMPLETED - CASE CLOSED				

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TEXACO SERVICE STATI	***120 VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***E40***	***149***
Reg Id: 083602887T				
RIALTO, CITY OF (TEX	***102 VALLEY***	***ENE 1/8 - 1/4 (0.127 mi.)***	***H43***	***153***
Reg Id: 083600955T				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN PACIFIC RAI	***200 MARION WAY***	***SE 1/4 - 1/2 (0.387 mi.)***	***92***	***467***
Reg Id: 083600986T				

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 08/13/2021 has revealed that there is 1 CA HWP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAZMAT TSDF INC, FOR	***180 WEST MONTE AVENU***	***S 1/2 - 1 (0.545 mi.)***	***96***	***482***
EPA ID: CAD982444481				
Cleanup Status: OPERATING PERMIT				

TX Ind. Haz Waste: The Industrial and Hazardous Waste Database contains summary reports by waste handlers, generators and shippers in Texas.

A review of the TX Ind. Haz Waste list, as provided by EDR, and dated 05/24/2021 has revealed that there is 1 TX Ind. Haz Waste site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOUGLAS TRUCKING	350 W VALLEY BLVD	NW 0 - 1/8 (0.059 mi.)	F17	94

EXECUTIVE SUMMARY

Registration Number: 41644

San Bernardino County Fire Department Hazardous Materials Division.

A review of the CA San Bern. Co. Permit list, as provided by EDR, and dated 08/11/2021 has revealed that there are 17 CA San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC Facility Status: INACTIVE Facility Id: FA0002227	***213 W VALLEY BLVD.***	***0 - 1/8 (0.000 mi.)***	***B6***	***13***
WHITING DOOR MFG COR Facility Status: INACTIVE Facility Id: FA0007295	***311 W VALLEY BLVD***	***WNW 0 - 1/8 (0.027 mi.)***	***D15***	***77***
HOMETOWN BUFFET #753 Facility Status: INACTIVE Facility Id: FA0011224	127 W VALLEY BLVD	ENE 0 - 1/8 (0.054 mi.)	E16	93
SQUARE TRANSPORTATIO Facility Status: INACTIVE Facility Id: FA0011641 Facility Id: FA0011511 Facility Id: FA0001701	350 W VALLEY BLVD	NW 0 - 1/8 (0.059 mi.)	F20	102
FEDERAL EXPRESS CORP Facility Status: INACTIVE Facility Id: FA0003196	280 W VALLEY BLVD	N 0 - 1/8 (0.061 mi.)	G26	117
SPEEDWAY NO. 3975 (U Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0001024	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***128***
WAL-MART STORE 1862 Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0007198	***1610 S RIVERSIDE AVE***	***NE 1/8 - 1/4 (0.155 mi.)***	***I52***	***214***
CHEVRON 96969 Facility Status: ACTIVE Facility Id: FA0001899	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H54***	***220***
G N S TRUCK & TRAILE Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0015467 Facility Id: FA0003483	***450 W VALLEY***	***WNW 1/8 - 1/4 (0.171 mi.)***	***J61***	***283***
J.A.C.K DIESEL REPAI Facility Status: INACTIVE Facility Id: FA0008421	***450 W VALLEY BLVD***	***WNW 1/8 - 1/4 (0.171 mi.)***	***J62***	***294***
STEEL UNLIMITED INC Facility Status: ACTIVE Facility Id: FA0016934	***452 W VALLEY BLVD***	***WNW 1/8 - 1/4 (0.173 mi.)***	***J65***	***298***
MIDAS OF RIALTO LLC	***110 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.196 mi.)***	***K70***	***349***

Facility Status: ACTIVE Facility Id: FA0018785				
P & S TRUCK CENTER Facility Status: ACTIVE Facility Id: FA0005146	***161 E VALLEY BLVD***	***E 1/8 - 1/4 (0.209 mi.)***	***L73***	***357***
DISCOUNT TIRE CENTER Facility Status: INACTIVE Facility Id: FA0002750	484 W VALLEY BLVD	WNW 1/8 - 1/4 (0.210 mi.)	J76	376
PEP BOYS #1669 Facility Status: ACTIVE Facility Id: FA0015475	***484 W VALLEY BLVD***	***WNW 1/8 - 1/4 (0.210 mi.)***	***J77***	***377***
VERIZON WIRELESS: RI Facility Status: ACTIVE Facility Id: FA0000736	***1531 S WILLOW AVE***	***N 1/8 - 1/4 (0.212 mi.)***	***79***	***386***
CLUTCH MASTERS INDUS Facility Status: ACTIVE Facility Id: FA0002237	***267 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.237 mi.)***	***K80***	***389***

CA CERS: The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

A review of the CA CERS list, as provided by EDR, and dated 07/15/2021 has revealed that there is 1 CA CERS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC	***213 W VALLEY BLVD.***	***0 - 1/8 (0.000 mi.)***	***B6***	***13***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THRIFTY OIL 323	111 W VALLEY BLVD	ENE 0 - 1/8 (0.109 mi.)	H36	142

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VICS TEXACO SERVICE	120 W VALEY	NE 0 - 1/8 (0.120 mi.)	H42	153

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LUST: The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

A review of the CA RGA LUST list, as provided by EDR, has revealed that there are 2 CA RGA LUST sites within approximately 0.001 miles of the target property.

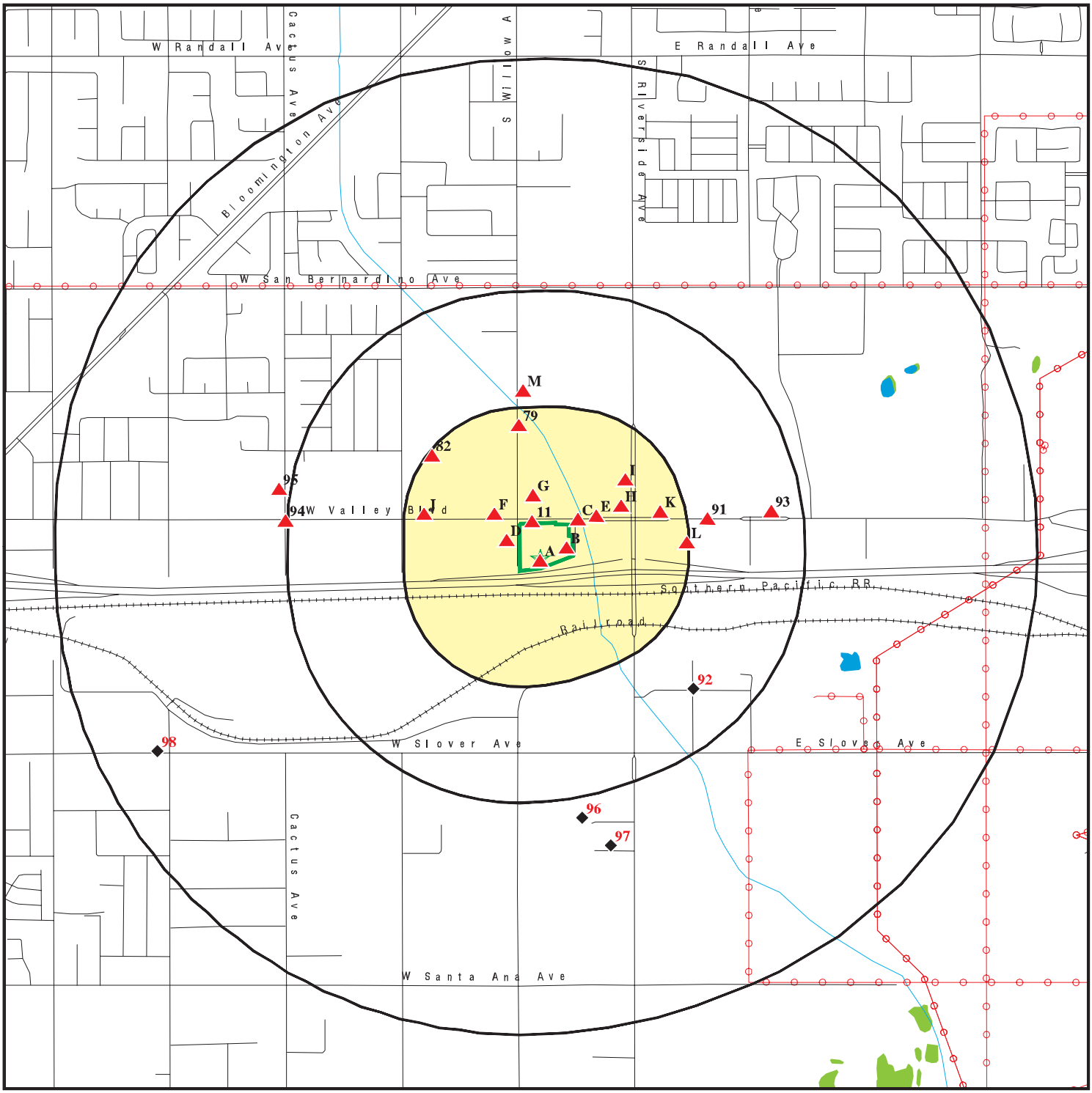
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC	213 WEST VALLEY BLVD	0 - 1/8 (0.000 mi.)	B7	16
CLEM TRANS INC	213 W VALLEY BLVD.	0 - 1/8 (0.000 mi.)	B8	17

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 9 records.

Site Name	Database(s)
OD 2180 S WILLOW AVE	CA NPDES, CA CIWQS
CHEVRON S S #6969	CA RGA LUST
KORE INFRASTRUCTURE PLANT #1	CA SWF/LF
3650 S WILLOW AVE	HMIRS
2650 S WILLOW AVE	HMIRS
2650 S WILLOW AVE	HMIRS
2650 S WILLOW AVE	HMIRS
SHELL TANK FARM	CA CPS-SLIC
GOLDEN WEST FUEL RACK	CA CPS-SLIC

OVERVIEW MAP - 6787826.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

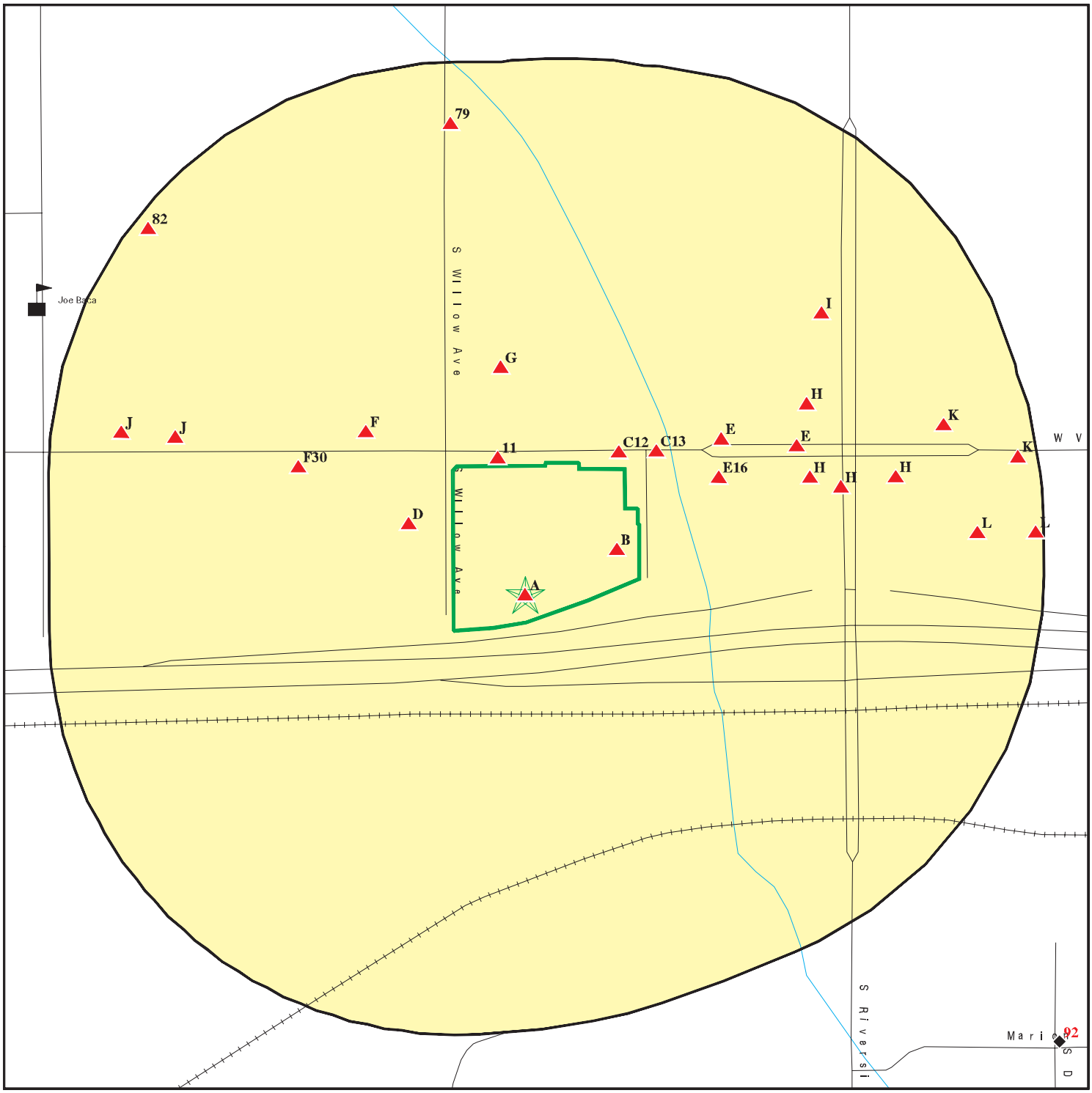
N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1743 S Willow Ave	CLIENT:	Hazard Management Consulting
ADDRESS:	1743 S Willow Ave Rialto CA 92376	CONTACT:	Troy Taylor
LAT/LONG:	34.069227 / 117.373783	INQUIRY #:	6787826.2s
		DATE:	December 14, 2021 3:57 pm

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DETAIL MAP - 6787826.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1743 S Willow Ave	CLIENT: Hazard Management Consulting
ADDRESS: 1743 S Willow Ave Rialto CA 92376	CONTACT: Troy Taylor
LAT/LONG: 34.069227 / 117.373783	INQUIRY #: 6787826.2s DATE: December 14, 2021 3:59 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	1	NR	1
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	2	NR	NR	NR	2
RCRA-SQG	0.250		3	2	NR	NR	NR	5
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
CA RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
CA ENVIROSTOR	1.000		0	0	1	5	NR	6
Lists of state and tribal landfills and solid waste disposal facilities								
CA SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
CA LUST	0.500		7	4	3	NR	NR	14
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500		0	0	1	NR	NR	1
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		3	3	NR	NR	NR	6
CA AST	0.250		0	3	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	0.001		0	NR	NR	NR	NR	0
CA CERS HAZ WASTE	0.250		1	9	NR	NR	NR	10
CA Toxic Pits	1.000		0	0	1	0	NR	1
US CDL	0.001		0	NR	NR	NR	NR	0
CA PFAS	0.500		0	0	0	NR	NR	0
CA AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250	1	6	5	NR	NR	NR	12
CA HIST UST	0.250		5	5	NR	NR	NR	10
CA CERS TANKS	0.250		1	3	NR	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA FID UST	0.250	1	6	4	NR	NR	NR	11
Local Land Records								
CA LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CA CHMIRS	0.001		0	NR	NR	NR	NR	0
CA LDS	0.001		0	NR	NR	NR	NR	0
CA MCS	0.001		0	NR	NR	NR	NR	0
CA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		7	12	NR	NR	NR	19
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA Cortese	0.500		4	2	3	NR	NR	9
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	0.001		0	NR	NR	NR	NR	0
CA ENF	0.001		0	NR	NR	NR	NR	0
CA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	0.001	2	0	NR	NR	NR	NR	2
CA ICE	0.001		0	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		1	1	1	NR	NR	3
CA HWP	1.000		0	0	0	1	NR	1
CA HWT	0.250		0	0	NR	NR	NR	0
TX Ind. Haz Waste	0.250		1	0	NR	NR	NR	1
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	0.001		0	NR	NR	NR	NR	0
CA San Bern. Co. Permit	0.250		6	11	NR	NR	NR	17
CA PEST LIC	0.001		0	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
CA UIC	0.001		0	NR	NR	NR	NR	0
CA UIC GEO	0.001		0	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	0.001		0	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
CA PROJECT	0.001		0	NR	NR	NR	NR	0
CA WDR	0.001		0	NR	NR	NR	NR	0
CA CIWQS	0.001		0	NR	NR	NR	NR	0
CA CERS	0.001		1	NR	NR	NR	NR	1
CA NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
CA OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
CA PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
CA SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
CA WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
CA HWTS	TP	3	NR	NR	NR	NR	NR	3
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA RGA LUST	0.001		2	NR	NR	NR	NR	2
- Totals --		7	57	67	10	7	0	148

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **R THOMPSON TRUCKING** **CA SWEEPS UST** **S101591343**
Target **1743 S WILLOW** **CA FID UST** **N/A**
Property **RIALTO, CA 92376**

Site 1 of 4 in cluster A

Actual:
1057 ft.

SWEEPS UST:

Name:	R THOMPSON TRUCKING
Address:	1743 S WILLOW
City:	RIALTO
Status:	Active
Comp Number:	10188
Number:	1
Board Of Equalization:	44-020245
Referral Date:	03-24-92
Action Date:	03-24-92
Created Date:	09-21-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-010188-000001
Tank Status:	A
Capacity:	1
Active Date:	09-21-88
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	1

CA FID UST:

Facility ID:	36005016
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	PO BOX 191
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIALTO 92376
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

A2 **TIMS MOBIL TRUCK REPAIR** **CA HWTS** **S124762188**
Target **1743 S WILLOW AVE** **N/A**
Property **RIALTO, CA 92376**

Site 2 of 4 in cluster A

Actual:
1057 ft.

HWTS:

Name:	TIMS MOBIL TRUCK REPAIR
Address:	1743 S WILLOW AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923767723
EPA ID:	CAL000010787
Inactive Date:	06/30/2003

TIMS MOBIL TRUCK REPAIR (Continued) **S124762188**

Create Date:	11/14/1989
Last Act Date:	11/24/2003
Mailing Name:	Not reported
Mailing Address:	21850 GRAND TERRACE RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	GRAND TERRACE, CA 923134412
Owner Name:	TIMOTHY LUNSTRUM
Owner Address:	21850 GRAND TERRACE RD
Owner Address 2:	Not reported
Owner City,State,Zip:	GRAND TERRACE, CA 923130000
Contact Name:	LOUISE LUNSTRUM
Contact Address:	1743 S WILLOW AVE
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923767723

A3 **JV MOTORSPORTS** **CA HAZNET** **S118923475**
Target **1743 S. WILLOW AVE.** **CA HWTS** **N/A**
Property **RIALTO, CA 92376**

Site 3 of 4 in cluster A

Actual: 1057 ft.

HAZNET:

Name:	JV MOTORSPORTS
Address:	1743 S. WILLOW AVE.
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Contact:	JAMES VALENZUELA
Telephone:	9099967299
Mailing Name:	Not reported
Mailing Address:	1744 S. WILLOW AVE.
Year:	2015
Gepaid:	CAC002821744
TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.825

Additional Info:

Year:	2015
Gen EPA ID:	CAC002821744
Shipment Date:	20150714
Creation Date:	9/25/2015 22:15:23
Receipt Date:	20150724
Manifest ID:	014043564JJK
Trans EPA ID:	CAR000177576
Trans Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018

JV MOTORSPORTS (Continued) **S118923475**

Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.825
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	JV MOTORSPORTS
Address:	1743 S. WILLOW AVE.
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
EPA ID:	CAC002821744
Inactive Date:	10/12/2015
Create Date:	07/13/2015
Last Act Date:	10/13/2015
Mailing Name:	Not reported
Mailing Address:	1744 S. WILLOW AVE.
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 92376
Owner Name:	JV MOTORSPORTS
Owner Address:	1744 S. WILLOW AVE.
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 92376
Contact Name:	JAMES VALENZUELA
Contact Address:	1744 S. WILLOW AVE.
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376

NAICS:

EPA ID:	CAC002821744
Create Date:	2015-07-13 13:57:18.857
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2015-07-13 13:57:18.86000
Inactive Date:	2015-10-12 13:57:18.85300
Facility Name:	JV MOTORSPORTS
Facility Address:	1743 S. WILLOW AVE.
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92376

A4 **1X THOMPSON, INEZ** **CA HAZNET** **S123727686**
Target **1743 SOUTH WILLOW** **CA HWTS** **N/A**
Property **RIALTO, CA 92376**

Site 4 of 4 in cluster A

Actual:
1057 ft.

HAZNET:

Name:	1X THOMPSON, INEZ
Address:	1743 SOUTH WILLOW
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
Contact:	JACQUELINE GLANTZ, DAUGHTER
Telephone:	7147961638
Mailing Name:	Not reported
Mailing Address:	--
Year:	1990
Gepaid:	CAC000292609
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	0.834

HWTS:

Name:	1X THOMPSON, INEZ
Address:	1743 SOUTH WILLOW
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
EPA ID:	CAC000292609
Inactive Date:	10/25/2000
Create Date:	06/14/1990
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	--
Mailing Address 2:	Not reported
Mailing City,State,Zip:	LOMA LINDA, CA 923540000
Owner Name:	INEZ THOMPSON
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	JACQUELINE GLANTZ, DAUGHTER
Contact Address:	--
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

B5 **CLEM TRANS INC** **FINDS** **1023282164**
213 W VALLEY BLVD. **N/A**
< 1/8 **RIALTO, CA 92376**
1 ft.

Site 1 of 6 in cluster B

Relative:
Higher

Actual:
1057 ft.

FINDS:
Registry ID: 110065728608

Click Here:

Environmental Interest/Information System:
STATE MASTER

CLEM TRANS INC (Continued) **1023282164**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B6 **CLEM TRANS INC** **CA LUST** **U001575529**
213 W VALLEY BLVD. **CA HIST UST** **N/A**
< 1/8 **RIALTO, CA 92376** **CA Cortese**
1 ft. **CA San Bern. Co. Permit**
Site 2 of 6 in cluster B **CA CERS**

Relative: Higher
Actual: 1057 ft.

LUST:

Name:	CLEM TRANS INC
Address:	213 W VALLEY BLVD.
City,State,Zip:	RIALTO, CA 92376
Lead Agency:	SAN BERNARDINO COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607199297
Global Id:	T0607199297
Latitude:	34.070363
Longitude:	-117.371411
Status:	Completed - Case Closed
Status Date:	08/26/2004
Case Worker:	JC
RB Case Number:	083603808T
Local Agency:	SAN BERNARDINO COUNTY
File Location:	Local Agency
Local Case Number:	2000021
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0607199297
Contact Type:	Local Agency Caseworker
Contact Name:	JACKSON CRUTSINGER
Organization Name:	SAN BERNARDINO COUNTY
Address:	620 SOUTH E STREET
City:	SAN BERNARDINO
Email:	jcrutsinger@sbcfire.org
Phone Number:	Not reported

Global Id:	T0607199297
Contact Type:	Regional Board Caseworker
Contact Name:	ROSE SCOTT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	rose.scott@waterboards.ca.gov
Phone Number:	9513206375

LUST:

Global Id:	T0607199297
Action Type:	Other
Date:	03/20/2000
Action:	Leak Stopped

Global Id:	T0607199297
Action Type:	ENFORCEMENT
Date:	08/26/2004

CLEM TRANS INC (Continued) **U001575529**

Action: Closure/No Further Action Letter

Global Id: T0607199297
Action Type: Other
Date: 03/20/2000
Action: Leak Discovery

Global Id: T0607199297
Action Type: Other
Date: 03/20/2000
Action: Leak Reported

Global Id: T0607199297
Action Type: REMEDIATION
Date: 08/26/2004
Action: Not reported

LUST:
Global Id: T0607199297
Status: Open - Case Begin Date
Status Date: 03/20/2000

Global Id: T0607199297
Status: Open - Site Assessment
Status Date: 09/15/2000

Global Id: T0607199297
Status: Open - Site Assessment
Status Date: 04/22/2004

Global Id: T0607199297
Status: Completed - Case Closed
Status Date: 08/26/2004

HIST UST:
Name: CLEM-TRANS, INC.
Address: 213 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000068692
Facility Type: Other
Other Type: PARCEL DELIVERY
Contact Name: G. M. CLEMONS
Telephone: 7148774450
Owner Name: CLEM-TRANS, INC.
Owner Address: 213 WEST VALLEY BOULEVARD
Owner City,St,Zip: RIALTO, CA 92376
Total Tanks: 0002

Tank Num: 001
Container Num: 2001
Year Installed: 1978
Tank Capacity: 00010000

CLEM TRANS INC (Continued) **U001575529**

Tank Used for: WASTE
Type of Fuel: 4
Container Construction Thickness: X
Leak Detection: Pressure Test

Tank Num: 002
Container Num: 2002
Year Installed: 1978
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

CORTESE:
Name: CLEM TRANS INC
Address: 213 W VALLEY BLVD.
City,State,Zip: RIALTO, CA 92376
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607199297
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

San Bern. Co. Permit:
Name: CLEM-TRANS INC.
Address: 213 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0002227
Owner: CLEMONS, GLORY
Permit Number: PT0002373
Permit Category: SPECIAL GENERATOR
Facility Status: INACTIVE
Expiration Date: 11/30/2011

Name: CLEM-TRANS INC.
Address: 213 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO

CLEM TRANS INC (Continued) **U001575529**

Facility ID: FA0002227
Owner: CLEMONS, GLORY
Permit Number: PT0002372
Permit Category: SPECIAL HANDLER
Facility Status: INACTIVE
Expiration Date: 11/30/2010

CERS:
Name: CLEM TRANS INC
Address: 213 W VALLEY BLVD.
City,State,Zip: RIALTO, CA 92376
Site ID: 251203
CERS ID: T0607199297
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACKSON CRUTSINGER - SAN BERNARDINO COUNTY
Entity Title: Not reported
Affiliation Address: 620 SOUTH E STREET
Affiliation City: SAN BERNARDINO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

B7 **CLEM TRANS INC** **CA RGA LUST** **S114604011**
213 WEST VALLEY BLVD. **N/A**
< 1/8 **RIALTO, CA**
1 ft.

Site 3 of 6 in cluster B

Relative: Higher
Actual: 1057 ft.

RGA LUST:
Name: CLEM TRANS INC
Address: 213 WEST VALLEY BLVD.
City: RIALTO
State: RIALTO
2001 CLEM TRANS INC 213 WEST VALLEY BLVD.

B8 **CLEM TRANS INC** **CA RGA LUST** **S114604010**
213 W VALLEY BLVD. **N/A**
< 1/8 **RIALTO, CA**
1 ft.

Site 4 of 6 in cluster B

Relative: Higher
Actual: 1057 ft.

RGA LUST:

Name:	CLEM TRANS INC		
Address:	213 W VALLEY BLVD.		
City:	RIALTO		
State:	RIALTO		
	2012	CLEM TRANS INC	213 W VALLEY BLVD.
Name:	CLEM TRANS INC		
Address:	213 W VALLEY BLVD.		
City:	RIALTO		
State:	RIALTO		
	2011	CLEM TRANS INC	213 W VALLEY BLVD.
Name:	CLEM TRANS INC		
Address:	213 W VALLEY BLVD.		
City:	RIALTO		
State:	RIALTO		
	2010	CLEM TRANS INC	213 W VALLEY BLVD.
Name:	CLEM TRANS INC		
Address:	213 W VALLEY BLVD.		
City:	RIALTO		
State:	RIALTO		
	2009	CLEM TRANS INC	213 W VALLEY BLVD.
Name:	CLEM TRANS INC		
Address:	213 W VALLEY BLVD.		
City:	RIALTO		
State:	RIALTO		
	2008	CLEM TRANS INC	213 W VALLEY BLVD.

B9 **CLEMONS, G.** **CA SWEEPS UST** **S101619398**
213 W VALLEY BLVD **CA FID UST** **N/A**
< 1/8 **RIALTO, CA 92376**
1 ft.

Site 5 of 6 in cluster B

Relative: Higher
Actual: 1057 ft.

SWEEPS UST:

Name:	CLEMONS, G.
Address:	213 W VALLEY BLVD
City:	RIALTO
Status:	Active
Comp Number:	68692
Number:	9
Board Of Equalization:	44-021507
Referral Date:	09-10-91
Action Date:	09-10-91
Created Date:	02-29-88
Owner Tank Id:	2001
SWRCB Tank Id:	36-000-068692-000001
Tank Status:	A
Capacity:	10000
Active Date:	08-25-88
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

CLEMONS, G. (Continued) **S101619398**

Name:	CLEMONS, G.
Address:	213 W VALLEY BLVD
City:	RIALTO
Status:	Active
Comp Number:	68692
Number:	9
Board Of Equalization:	44-021507
Referral Date:	09-10-91
Action Date:	09-10-91
Created Date:	02-29-88
Owner Tank Id:	2002
SWRCB Tank Id:	36-000-068692-000002
Tank Status:	A
Capacity:	10000
Active Date:	08-25-88
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	36009284
Regulated By:	UTNKA
Regulated ID:	00068692
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIALTO 92376
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

B10 **CLEM-TRANS INC** **CA HIST UST** **S118408759**
213 WEST VALLEY BOULEVARD **N/A**
< 1/8 **RIALTO, CA 92376**
1 ft.

Site 6 of 6 in cluster B

Relative: HIST UST:
Higher

Actual: Name:	CLEM-TRANS INC
1057 ft. Address:	213 WEST VALLEY BOULEVARD
City,State,Zip:	RIALTO, CA 92376
File Number:	00029CCE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029CCE.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported

CLEM-TRANS INC (Continued) **S118408759**

Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

11
NNW
< 1/8
0.005 mi.
29 ft.

ABILITY HEAVY MOVERS INC **CA SWEEPS UST** **S101591360**
285 W VALLEY BLVD **CA FID UST** **N/A**
RIALTO, CA 92376

Relative:
Higher

Actual:
1063 ft.

SWEEPS UST:
Name: ABILITY HEAVY MOVERS INC
Address: 285 W VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 11399
Number: 1
Board Of Equalization: 44-020339
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-09-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-011399-000001
Tank Status: A
Capacity: 1
Active Date: 09-09-88
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: 1

CA FID UST:
Facility ID: 36005571
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: PO BOX 449
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported

ABILITY HEAVY MOVERS INC (Continued) **S101591360**

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

C12 **CLEM TRANS INC** **CA LUST** **S105050725**
NNE **213 VALLEY BLVD.** **N/A**
< 1/8 **RIALTO, CA 92376**
0.011 mi.
57 ft. **Site 1 of 2 in cluster C**

Relative: **Higher**

Actual: **1060 ft.**

LUST REG 8:

Name:	CLEM TRANS INC
Address:	213 VALLEY BLVD.
City:	RIALTO
Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083603808T
Local Case Num:	2000021
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0607199297
How Stopped Date:	3/20/2000
Enter Date:	Not reported
Date Confirmation of Leak Began:	9/15/2000
Date Preliminary Assessment Began:	Not reported
Discover Date:	3/20/2000
Enforcement Date:	Not reported
Close Date:	8/26/2004
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	4/22/2004
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.070363
Longitude:	-117.371411
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported

CLEM TRANS INC (Continued) **S105050725**

MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	JC3
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	GWR, MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Haz Mat incident report filed : SAN BERNARDINO COUNTY FIRE DEPT. HAZMAT HAS ORDERED A SITE INVESTIGATION

C13 **I-10 TRUCK STOP** **CA LUST S108087034**
NE **195 VALLEY BOULEVARD EAST** **CA Cortese N/A**
< 1/8 **RIALTO, CA 92376** **CA CERS**
0.023 mi.
120 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
1061 ft.

LUST:

Name:	I-10 TRUCK STOP
Address:	195 VALLEY BOULEVARD EAST
City,State,Zip:	RIALTO, CA 92376
Lead Agency:	SAN BERNARDINO COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607199509
Global Id:	T0607199509
Latitude:	34.070516
Longitude:	-117.372369
Status:	Completed - Case Closed
Status Date:	06/01/2007
Case Worker:	JC
RB Case Number:	Not reported
Local Agency:	SAN BERNARDINO COUNTY
File Location:	Local Agency
Local Case Number:	2006007
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline, Diesel
Site History:	Not reported

LUST:

Global Id:	T0607199509
Contact Type:	Local Agency Caseworker
Contact Name:	JACKSON CRUTSINGER
Organization Name:	SAN BERNARDINO COUNTY
Address:	620 SOUTH E STREET
City:	SAN BERNARDINO
Email:	jcrutsinger@sbcfire.org
Phone Number:	Not reported

Global Id:	T0607199509
Contact Type:	Regional Board Caseworker
Contact Name:	Ken Williams
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE

I-10 TRUCK STOP (Continued) **S108087034**

Email: ken.williams@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0607199509
Action Type: ENFORCEMENT
Date: 06/01/2007
Action: Closure/No Further Action Letter

Global Id: T0607199509
Action Type: Other
Date: 12/16/1998
Action: Leak Discovery

Global Id: T0607199509
Action Type: Other
Date: 12/30/1998
Action: Leak Reported

Global Id: T0607199509
Action Type: REMEDIATION
Date: 06/01/2007
Action: Not reported

LUST:
Global Id: T0607199509
Status: Open - Case Begin Date
Status Date: 12/16/1998

Global Id: T0607199509
Status: Open - Site Assessment
Status Date: 08/22/2006

Global Id: T0607199509
Status: Completed - Case Closed
Status Date: 06/01/2007

CORTESE:
Name: I-10 TRUCK STOP
Address: 195 VALLEY BOULEVARD EAST
City,State,Zip: RIALTO, CA 92376
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607199509
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported

I-10 TRUCK STOP (Continued) **S108087034**

Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: I-10 TRUCK STOP
Address: 195 VALLEY BOULEVARD EAST
City,State,Zip: RIALTO, CA 92376
Site ID: 123701
CERS ID: T0607199509
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACKSON CRUTSINGER - SAN BERNARDINO COUNTY
Entity Title: Not reported
Affiliation Address: 620 SOUTH E STREET
Affiliation City: SAN BERNARDINO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Ken Williams - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

D14 **WHITING DOOR MFG CORP** **RCRA-SQG** **1000455622**
WNW **311 W VALLEY BLVD** **CA HAZNET** **CAD982493231**
< 1/8 **RIALTO, CA 92376** **CA HWTS**
0.027 mi.
145 ft. **Site 1 of 2 in cluster D**

Relative:
Higher

Actual:
1064 ft.

RCRA-SQG:
Date Form Received by Agency: 19900703
Handler Name: WHITING DOOR MFG CORP
Handler Address: 311 W VALLEY BLVD
Handler City,State,Zip: RIALTO, CA 92376
EPA ID: CAD982493231
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 311 W VALLEY BLVD
Contact City,State,Zip: RIALTO, CA 92376
Contact Telephone: 714-877-0120
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09

WHITING DOOR MFG CORP (Continued) **1000455622**

Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4
Mailing Address:	311 W VALLEY BLVD
Mailing City,State,Zip:	RIALTO, CA 92376
Owner Name:	DON WHITING
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

WHITING DOOR MFG CORP (Continued) **1000455622**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON WHITING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19900703
Handler Name: WHITING DOOR MFG CORP	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	3152
NAICS Description:	CUT AND SEW APPAREL MANUFACTURING

WHITING DOOR MFG CORP (Continued) **1000455622**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HAZNET:
Name: WHITING DOOR MFG CORP
Address: 311 W VALLEY BLVD
Address 2: Not reported
City,State,Zip: RIALTO, CA 923760000
Contact: ART GONZALES
Telephone: 9098770120
Mailing Name: Not reported
Mailing Address: 301 S MILLIKEN AVE

Year: 2011
Gepaid: CAD982493231
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0275

Year: 2010
Gepaid: CAD982493231
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: -
Tons: 0.0075

Year: 2010
Gepaid: CAD982493231
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.036

Year: 2009
Gepaid: CAD982493231
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1025

Year: 2008
Gepaid: CAD982493231
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.077

WHITING DOOR MFG CORP (Continued) **1000455622**

Year: 2007
Gepaid: CAD982493231
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.031

Year: 2006
Gepaid: CAD982493231
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.0375

Year: 2006
Gepaid: CAD982493231
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0175

Year: 2005
Gepaid: CAD982493231
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.087

Year: 2004
Gepaid: CAD982493231
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.1385

Click this hyperlink while viewing on your computer to access
12 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2007
Gen EPA ID: CAD982493231

Shipment Date: 20071212
Creation Date: 5/6/2008 18:30:17
Receipt Date: 20071217
Manifest ID: 000945092SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20071113
Creation Date:	4/22/2008 18:30:08
Receipt Date:	20071119
Manifest ID:	000816087SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20071022
Creation Date:	3/18/2008 18:30:24
Receipt Date:	20071024
Manifest ID:	000765733SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20070905
Creation Date:	2/5/2008 18:30:13
Receipt Date:	20070910
Manifest ID:	000856851SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC 000798
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20070515
Creation Date:	12/20/2007 18:30:27
Receipt Date:	20070521
Manifest ID:	000312078SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20070227

WHITING DOOR MFG CORP (Continued) **1000455622**

Creation Date:	8/19/2007 18:30:21
Receipt Date:	20070305
Manifest ID:	000369289SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC 000798
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20070131
Creation Date:	8/9/2007 18:30:52
Receipt Date:	20070205
Manifest ID:	000357995SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC 000798
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20070103
Creation Date:	4/19/2007 18:32:19
Receipt Date:	20070108
Manifest ID:	000427567SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: D036
Additional Code 2: D035
Additional Code 3: D018
Additional Code 4: D001
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAD982493231

Shipment Date: 20100825
Creation Date: 2/1/2011 18:30:08
Receipt Date: 20100830
Manifest ID: 000341595CEX
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D040
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: D039
Additional Code 2: D035
Additional Code 3: D018
Additional Code 4: D001
Additional Code 5: Not reported

Shipment Date: 20100329
Creation Date: 12/3/2010 18:30:22
Receipt Date: 20100401
Manifest ID: 002499174SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20100302
Creation Date:	11/30/2010 18:30:29
Receipt Date:	20100309
Manifest ID:	002369810SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	- Not reported
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20100128
Creation Date:	10/26/2010 18:30:16
Receipt Date:	20100202
Manifest ID:	001855950SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20100112
Creation Date:	8/3/2010 18:30:20
Receipt Date:	20100119
Manifest ID:	000013396SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD982493231
Shipment Date:	20031216
Creation Date:	8/30/2004 14:52:16
Receipt Date:	20031230
Manifest ID:	22571643
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Code 5:	Not reported
Shipment Date:	20031118
Creation Date:	8/5/2004 10:07:02
Receipt Date:	20031120
Manifest ID:	23305571
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031031
Creation Date:	8/20/2004 8:27:39
Receipt Date:	20031112
Manifest ID:	22521180
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030930
Creation Date:	7/13/2004 10:48:19
Receipt Date:	20031002
Manifest ID:	22517894
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030902
Creation Date:	7/29/2004 7:45:24
Receipt Date:	20030908
Manifest ID:	22388710
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030805
Creation Date:	7/26/2004 18:31:36
Receipt Date:	20030811
Manifest ID:	22389372
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135

WHITING DOOR MFG CORP (Continued) **1000455622**

Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030717
Creation Date:	7/23/2004 9:16:48
Receipt Date:	20030724
Manifest ID:	22877609
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030624
Creation Date:	7/20/2004 12:52:41
Receipt Date:	20030626
Manifest ID:	22877113
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030602

WHITING DOOR MFG CORP (Continued) **1000455622**

Creation Date:	6/23/2004 9:59:25
Receipt Date:	20030605
Manifest ID:	22674885
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030509
Creation Date:	9/2/2003 18:30:58
Receipt Date:	20030521
Manifest ID:	22377145
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD982493231

Shipment Date:	20021209
Creation Date:	3/16/2007 18:30:20
Receipt Date:	20021213
Manifest ID:	21908596
Trans EPA ID:	SCR000075150
Trans Name:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021113
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20011121
Manifest ID:	22146194
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021023
Creation Date:	2/10/2003 18:31:16
Receipt Date:	20021101
Manifest ID:	21911544
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station

WHITING DOOR MFG CORP (Continued) **1000455622**

Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020923
Creation Date:	1/28/2003 18:32:43
Receipt Date:	20020927
Manifest ID:	21907780
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020826
Creation Date:	3/14/2003 18:31:30
Receipt Date:	20020830
Manifest ID:	21933848
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Shipment Date:	20020729
Creation Date:	1/21/2003 18:31:48
Receipt Date:	20020805
Manifest ID:	21740211
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020702
Creation Date:	2/7/2003 18:31:14
Receipt Date:	20020715
Manifest ID:	21735042
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020605
Creation Date:	8/29/2002 18:31:16
Receipt Date:	20020614
Manifest ID:	21595784
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893

WHITING DOOR MFG CORP (Continued) **1000455622**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020510
Creation Date:	7/17/2002 18:35:51
Receipt Date:	20020517
Manifest ID:	21591999
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.019
Waste Quantity:	38
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020410
Creation Date:	7/9/2002 18:31:13
Receipt Date:	20020422
Manifest ID:	21587243
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAD982493231
Shipment Date:	20091218
Creation Date:	6/30/2010 18:30:18
Receipt Date:	20091228
Manifest ID:	001826199SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20091124
Creation Date:	5/27/2010 18:31:00
Receipt Date:	20091204
Manifest ID:	000301125CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20091008
Creation Date:	4/12/2010 18:30:17
Receipt Date:	20091013
Manifest ID:	000254622CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090916
Creation Date:	3/5/2010 18:30:17
Receipt Date:	20090922
Manifest ID:	002121424SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090824
Creation Date:	3/5/2010 18:30:08
Receipt Date:	20090827
Manifest ID:	002103189SKS

WHITING DOOR MFG CORP (Continued) **1000455622**

Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090804
Creation Date:	1/8/2010 18:30:35
Receipt Date:	20090810
Manifest ID:	002013300SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090624
Creation Date:	10/29/2009 18:30:09
Receipt Date:	20090629
Manifest ID:	001881074SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090527
Creation Date:	9/25/2009 18:30:08
Receipt Date:	20090601
Manifest ID:	001845281SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090505
Creation Date:	9/9/2009 18:30:09
Receipt Date:	20090512
Manifest ID:	001918316SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15

WHITING DOOR MFG CORP (Continued) **1000455622**

Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090414
Creation Date:	8/17/2009 18:30:09
Receipt Date:	20090420
Manifest ID:	001898439SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD982493231
Shipment Date:	20081202
Creation Date:	4/9/2009 18:30:08
Receipt Date:	20081209
Manifest ID:	001440543SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20081111
Creation Date:	3/31/2009 18:30:08
Receipt Date:	20081118
Manifest ID:	001423151SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20081020
Creation Date:	2/20/2009 18:30:20
Receipt Date:	20081023
Manifest ID:	001451977SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20080922
Creation Date:	2/2/2009 18:30:08
Receipt Date:	20080925

WHITING DOOR MFG CORP (Continued) **1000455622**

Manifest ID:	001374478SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20080827
Creation Date:	1/15/2009 18:30:34
Receipt Date:	20080902
Manifest ID:	001418861SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20080613
Creation Date:	10/30/2008 18:30:54
Receipt Date:	20080618
Manifest ID:	001169540SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC

WHITING DOOR MFG CORP (Continued) **1000455622**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20080522
Creation Date:	11/3/2008 18:30:40
Receipt Date:	20080528
Manifest ID:	001105102SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20080421
Creation Date:	9/12/2008 18:30:16
Receipt Date:	20080423
Manifest ID:	001191202SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005

WHITING DOOR MFG CORP (Continued) **1000455622**

Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20080402
Creation Date:	8/20/2008 18:30:32
Receipt Date:	20080408
Manifest ID:	001179869SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20080313
Creation Date:	8/7/2008 18:30:07
Receipt Date:	20080317
Manifest ID:	000929922SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D036
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Info:

Year:	2004
Gen EPA ID:	CAD982493231
Shipment Date:	20041214
Creation Date:	3/13/2007 18:30:28
Receipt Date:	20041229
Manifest ID:	23652209
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041115
Creation Date:	1/14/2005 10:18:48
Receipt Date:	20041118
Manifest ID:	23719994
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041018
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20041021
Manifest ID:	23718317
Trans EPA ID:	TXR000050930

WHITING DOOR MFG CORP (Continued) **1000455622**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040920
Creation Date:	1/6/2005 18:32:03
Receipt Date:	20040930
Manifest ID:	23716533
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040824
Creation Date:	12/28/2004 14:46:39
Receipt Date:	20040902
Manifest ID:	23708609
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005

WHITING DOOR MFG CORP (Continued) **1000455622**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.027
Waste Quantity:	54
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040726
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040729
Manifest ID:	23513630
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040630
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040708
Manifest ID:	23512645
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Shipment Date:	20040602
Creation Date:	10/15/2004 15:16:06
Receipt Date:	20040611
Manifest ID:	23501449
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040427
Creation Date:	10/14/2004 15:19:37
Receipt Date:	20040506
Manifest ID:	23464297
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040405
Creation Date:	10/1/2004 18:31:09
Receipt Date:	20040408
Manifest ID:	22573842
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893

WHITING DOOR MFG CORP (Continued) **1000455622**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAD982493231
Shipment Date:	20111115
Creation Date:	4/14/2012 20:30:11
Receipt Date:	20111122
Manifest ID:	002989858SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20110708
Creation Date:	12/15/2011 18:30:22
Receipt Date:	20110714
Manifest ID:	003852284FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.

WHITING DOOR MFG CORP (Continued) **1000455622**

RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20110216
Creation Date:	6/27/2011 18:30:19
Receipt Date:	20110222
Manifest ID:	003578279FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD982493231
Shipment Date:	19940317
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940322
Manifest ID:	93420468
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135

WHITING DOOR MFG CORP (Continued) **1000455622**

Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940120
Creation Date:	9/14/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93025234
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	- Not reported
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD982493231
Shipment Date:	20001204
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001212
Manifest ID:	20380781
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.072
Waste Quantity:	144
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000816
Creation Date:	10/23/2000 0:00:00
Receipt Date:	20000822
Manifest ID:	20196224
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000525
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000605
Manifest ID:	20003718
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000229
Creation Date:	5/3/2000 0:00:00
Receipt Date:	20000309
Manifest ID:	99874726
Trans EPA ID:	ILD984908202
Trans Name:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.072
Waste Quantity:	144
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD982493231
Shipment Date:	19931123
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931129
Manifest ID:	93130640
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930811
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930813
Manifest ID:	93223217
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893

WHITING DOOR MFG CORP (Continued) **1000455622**

TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930616
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19930618
Manifest ID:	92534666
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930421
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930426
Manifest ID:	92574330
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930224
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930226
Manifest ID:	92412632
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD982493231
Shipment Date:	19981110
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981112
Manifest ID:	98288230
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980818

WHITING DOOR MFG CORP (Continued) **1000455622**

Creation Date:	10/20/1998 0:00:00
Receipt Date:	19980820
Manifest ID:	98272449
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0435
Waste Quantity:	87
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980624
Creation Date:	9/3/1998 0:00:00
Receipt Date:	19980629
Manifest ID:	98176926
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0145
Waste Quantity:	29
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980430
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980504
Manifest ID:	97367809
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD982493231
Shipment Date:	20011220
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20020102
Manifest ID:	21327232
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011119
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011121
Manifest ID:	21313646
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station

WHITING DOOR MFG CORP (Continued) **1000455622**

Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011023
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011029
Manifest ID:	21395559
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010925
Creation Date:	11/1/2001 0:00:00
Receipt Date:	Not reported
Manifest ID:	21456414
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	- Not reported
Quantity Tons:	0.033
Waste Quantity:	66
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Shipment Date:	20010611
Creation Date:	7/30/2001 0:00:00
Receipt Date:	20010619
Manifest ID:	20648879
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010220
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010223
Manifest ID:	20362058
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD982493231

Shipment Date:	19991109
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991115
Manifest ID:	99515805
Trans EPA ID:	ILD984908202

WHITING DOOR MFG CORP (Continued) **1000455622**

Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990819
Creation Date:	10/28/1999 0:00:00
Receipt Date:	19990826
Manifest ID:	99046483
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990527
Creation Date:	7/30/1999 0:00:00
Receipt Date:	19990607
Manifest ID:	99220027
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005

WHITING DOOR MFG CORP (Continued) **1000455622**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990302
Creation Date:	5/4/1999 0:00:00
Receipt Date:	19990315
Manifest ID:	98864268
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.072
Waste Quantity:	144
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD982493231
Shipment Date:	20061205
Creation Date:	3/30/2007 13:34:15
Receipt Date:	20061211
Manifest ID:	000238907CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Code 1:	D038
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20061107
Creation Date:	3/30/2007 13:32:20
Receipt Date:	20061113
Manifest ID:	000949390JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	D038
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20061012
Creation Date:	4/19/2007 18:30:35
Receipt Date:	20061017
Manifest ID:	000819795JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC 000798
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D038
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20060817

WHITING DOOR MFG CORP (Continued) **1000455622**

Creation Date:	10/5/2006 18:30:24
Receipt Date:	20060822
Manifest ID:	25000021
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060621
Creation Date:	9/14/2006 18:39:29
Receipt Date:	20060628
Manifest ID:	23685232
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060525
Creation Date:	12/20/2006 18:30:52
Receipt Date:	20060531
Manifest ID:	23680021
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY KLEEN SYSTEMS INC

WHITING DOOR MFG CORP (Continued) **1000455622**

TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060426
Creation Date:	8/4/2006 18:31:20
Receipt Date:	20060502
Manifest ID:	24622360
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060329
Creation Date:	12/21/2006 18:30:30
Receipt Date:	20060404
Manifest ID:	24621267
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060301
Creation Date:	7/5/2006 12:03:31
Receipt Date:	20060307
Manifest ID:	24617218
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060131
Creation Date:	5/5/2006 18:31:14
Receipt Date:	20060203
Manifest ID:	24607745
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD982493231

WHITING DOOR MFG CORP (Continued) **1000455622**

Shipment Date:	20051208
Creation Date:	7/12/2006 18:32:38
Receipt Date:	20051212
Manifest ID:	24606553
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051109
Creation Date:	1/2/2007 18:30:20
Receipt Date:	20051115
Manifest ID:	24720018
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051010
Creation Date:	3/12/2006 18:31:42
Receipt Date:	20051014
Manifest ID:	24719256
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893

WHITING DOOR MFG CORP (Continued) **1000455622**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050913
Creation Date:	1/17/2006 18:31:26
Receipt Date:	20050920
Manifest ID:	23687893
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050721
Creation Date:	10/11/2005 18:32:36
Receipt Date:	20050727
Manifest ID:	24501994
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0185
Waste Quantity:	37
Quantity Unit:	P

WHITING DOOR MFG CORP (Continued) **1000455622**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050621
Creation Date:	9/16/2005 18:31:41
Receipt Date:	20050630
Manifest ID:	24500690
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050526
Creation Date:	8/17/2005 18:32:04
Receipt Date:	20050601
Manifest ID:	24494434
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050502
Creation Date:	7/28/2005 18:30:54
Receipt Date:	20050506

WHITING DOOR MFG CORP (Continued) **1000455622**

Manifest ID:	24491387
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050405
Creation Date:	7/21/2005 18:31:13
Receipt Date:	20050408
Manifest ID:	23666475
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050307
Creation Date:	5/29/2005 18:30:53
Receipt Date:	20050314
Manifest ID:	23662435
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455622**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	WHITING DOOR MFG CORP
Address:	311 W VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
EPA ID:	CAD982493231
Inactive Date:	05/11/2012
Create Date:	07/03/1990
Last Act Date:	10/24/2012
Mailing Name:	Not reported
Mailing Address:	301 S MILLIKEN AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ONTARIO, CA 917610000
Owner Name:	DON WHITING
Owner Address:	113 CEDAR ST
Owner Address 2:	Not reported
Owner City,State,Zip:	AKRON, NY 140010000
Contact Name:	ART GONZALES
Contact Address:	301 S MILLIKEN AVE
Contact Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 917610000

NAICS:

EPA ID:	CAD982493231
Create Date:	2002-03-14 16:36:27.000
NAICS Code:	3362
NAICS Description:	Motor Vehicle Body and Trailer Manufacturing
Issued EPA ID Date:	1990-07-03 00:00:00
Inactive Date:	2012-05-11 00:00:00
Facility Name:	WHITING DOOR MFG CORP
Facility Address:	311 W VALLEY BLVD
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	923760000

EPA ID:	CAD982493231
Create Date:	2003-10-23 15:27:19.000
NAICS Code:	33635
NAICS Description:	Motor Vehicle Transmission and Power Train Parts Manufacturing
Issued EPA ID Date:	1990-07-03 00:00:00
Inactive Date:	2012-05-11 00:00:00
Facility Name:	WHITING DOOR MFG CORP
Facility Address:	311 W VALLEY BLVD

WHITING DOOR MFG CORP (Continued) **1000455622**

Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	923760000

D15 **WHITING DOOR MFG CORP** **RCRA-SQG** **1000455623**
WNW **311 W VALLEY BLVD** **CA EMI** **CAD982493553**
< 1/8 **RIALTO, CA 92376** **CA HAZNET**
0.027 mi. **CA San Bern. Co. Permit**
145 ft. **Site 2 of 2 in cluster D** **CA CERS**
CA HWTS

Relative: Higher

Actual: 1064 ft.

RCRA-SQG:

Date Form Received by Agency:		19900711
Handler Name:	WHITING DOOR MFG CORP	
Handler Address:		311 W VALLEY BLVD
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAD982493553
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		311 W VALLEY BLVD
Contact City,State,Zip:		RIALTO, CA 92376
Contact Telephone:		714-877-0120
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		4
Mailing Address:		W VALLEY BLVD
Mailing City,State,Zip:		RIALTO, CA 92376
Owner Name:		DON WHITING
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

WHITING DOOR MFG CORP (Continued) **1000455623**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON WHITING
Legal Status:	Private

WHITING DOOR MFG CORP (Continued) **1000455623**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19900711
Handler Name: WHITING DOOR MFG CORP	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

EMI:

Name:	WHITING ROLL-UP DOOR MFG CORP
Address:	311 VALLEY BL
City,State,Zip:	RIALTO, CA 923760000
Year:	1987
County Code:	36
Air Basin:	SC
Facility ID:	45757
Air District Name:	SC
SIC Code:	3714
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WHITING ROLL-UP DOOR MFG CORP

WHITING DOOR MFG CORP (Continued) **1000455623**

Address:	311 VALLEY BL
City,State,Zip:	RIALTO, CA 923760000
Year:	1990
County Code:	36
Air Basin:	SC
Facility ID:	45757
Air District Name:	SC
SIC Code:	3714
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	19
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WHITING ROLL-UP DOOR MFG CORP
Address:	311 VALLEY BL
City,State,Zip:	RIALTO, CA 923760000
Year:	1995
County Code:	36
Air Basin:	SC
Facility ID:	45757
Air District Name:	SC
SIC Code:	3714
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WHITING ROLL-UP DOOR MFG CORP
Address:	311 VALLEY BLVD
City,State,Zip:	RIALTO, CA 923760000
Year:	1996
County Code:	36
Air Basin:	SC
Facility ID:	45757
Air District Name:	SC
SIC Code:	3714
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

WHITING DOOR MFG CORP (Continued) **1000455623**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	WHITING DOOR MANUFACTURING COR
Address:	311 VALLEY BL
City,State,Zip:	RIALTO, CA 923760000
Year:	1997
County Code:	36
Air Basin:	SC
Facility ID:	45757
Air District Name:	SC
SIC Code:	3714
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WHITING DOOR MANUFACTURING COR
Address:	311 VALLEY BL
City,State,Zip:	RIALTO, CA 923760000
Year:	1998
County Code:	36
Air Basin:	SC
Facility ID:	45757
Air District Name:	SC
SIC Code:	3714
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WHITING DOOR MANUFACTURING COR
Address:	311 VALLEY BL
City,State,Zip:	RIALTO, CA 923760000
Year:	1999
County Code:	36
Air Basin:	SC
Facility ID:	45757
Air District Name:	SC
SIC Code:	3714
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0

WHITING DOOR MFG CORP (Continued) **1000455623**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WHITING DOOR MANUFACTURING COR
Address: 311 VALLEY BL
City,State,Zip: RIALTO, CA 923760000
Year: 2000
County Code: 36
Air Basin: SC
Facility ID: 45757
Air District Name: SC
SIC Code: 3714
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WHITING DOOR MANUFACTURING COR
Address: 311 VALLEY BL
City,State,Zip: RIALTO, CA 923760000
Year: 2001
County Code: 36
Air Basin: SC
Facility ID: 45757
Air District Name: SC
SIC Code: 3714
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WHITING DOOR MANUFACTURING CORP
Address: 311 VALLEY BLVD
City,State,Zip: RIALTO, CA 923760000
Year: 2005
County Code: 36
Air Basin: SC
Facility ID: 45757
Air District Name: SC
SIC Code: 2341
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

WHITING DOOR MFG CORP (Continued) **1000455623**

Total Organic Hydrocarbon Gases Tons/Yr: 2.62991
Reactive Organic Gases Tons/Yr: 2.589783953
Carbon Monoxide Emissions Tons/Yr: .039
NOX - Oxides of Nitrogen Tons/Yr: .145
SOX - Oxides of Sulphur Tons/Yr: .000665
Particulate Matter Tons/Yr: .28636
Part. Matter 10 Micrometers and Smllr Tons/Yr:.27524

HAZNET:
Name: WHITING DOOR MFG CORP
Address: 311 W VALLEY BLVD
Address 2: Not reported
City,State,Zip: RIALTO, CA 923767715
Contact: INACTIVE PER SURVEY 12-22-94
Telephone: 9098770120
Mailing Name: Not reported
Mailing Address: 311 W VALLEY BLVD

Year: 1998
Gepaid: CAD982493553
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.029

Year: 1997
Gepaid: CAD982493553
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.116

Year: 1996
Gepaid: CAD982493553
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.1305

Year: 1995
Gepaid: CAD982493553
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.1885

Year: 1994
Gepaid: CAD982493553
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.115

Additional Info:
Year: 1994

WHITING DOOR MFG CORP (Continued) **1000455623**

Gen EPA ID:	CAD982493553
Shipment Date:	19941215
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941219
Manifest ID:	93762611
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941018
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19941021
Manifest ID:	93095358
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940830
Creation Date:	10/17/1995 0:00:00
Receipt Date:	19940902
Manifest ID:	93795883
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202

WHITING DOOR MFG CORP (Continued) **1000455623**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940708
Creation Date:	10/10/1995 0:00:00
Receipt Date:	19940711
Manifest ID:	93666317
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0145
Waste Quantity:	29
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940513
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940516
Manifest ID:	93505914
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135

WHITING DOOR MFG CORP (Continued) **1000455623**

Waste Quantity: 27
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1998
Gen EPA ID: CAD982493553

Shipment Date: 19980310
Creation Date: 5/8/1998 0:00:00
Receipt Date: 19980312
Manifest ID: 97361027
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H01 - Transfer Station
Quantity Tons: 0.029
Waste Quantity: 58
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1997
Gen EPA ID: CAD982493553

Shipment Date: 19970702
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970707
Manifest ID: 96632206
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0435

WHITING DOOR MFG CORP (Continued) **1000455623**

Waste Quantity:	87
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970409
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970414
Manifest ID:	96821392
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0435
Waste Quantity:	87
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970123
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970127
Manifest ID:	96470933
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455623**

Additional Info:

Year:	1996
Gen EPA ID:	CAD982493553
Shipment Date:	19960924
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961001
Manifest ID:	96514239
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0435
Waste Quantity:	87
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960604
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960610
Manifest ID:	96133956
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960403
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960409
Manifest ID:	96070233
Trans EPA ID:	ILD984908202

WHITING DOOR MFG CORP (Continued) **1000455623**

Trans Name: Not reported
Trans 2 EPA ID: ILD984908202
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H01 - Transfer Station
Quantity Tons: 0.029
Waste Quantity: 58
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960209
Creation Date: 10/10/1996 0:00:00
Receipt Date: 19960219
Manifest ID: 95958294
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: ILD984908202
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H01 - Transfer Station
Quantity Tons: 0.029
Waste Quantity: 58
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1995
Gen EPA ID: CAD982493553

Shipment Date: 19951216
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951218
Manifest ID: 95821853
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: ILD984908202
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported

WHITING DOOR MFG CORP (Continued) **1000455623**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951020
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951024
Manifest ID:	95755815
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950825
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950828
Manifest ID:	95560474
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported

WHITING DOOR MFG CORP (Continued) **1000455623**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950629
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950703
Manifest ID:	95428830
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950503
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950508
Manifest ID:	95518311
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950310
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950313
Manifest ID:	93776620

WHITING DOOR MFG CORP (Continued) **1000455623**

Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950111
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950113
Manifest ID:	95039685
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0145
Waste Quantity:	29
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

San Bern. Co. Permit:

Name:	WHITING DOOR MFG CORP
Address:	311 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0007295
Owner:	WHITING DOOR MFG CORP
Permit Number:	PT0001518
Permit Category:	CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Facility Status:	INACTIVE
Expiration Date:	08/31/2012

Name: WHITING DOOR MFG CORP

WHITING DOOR MFG CORP (Continued) **1000455623**

Address: 311 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0007295
Owner: WHITING DOOR MFG CORP
Permit Number: PT0001519
Permit Category: HAZMAT HANDLER 11-25 EMPLOYEES
Facility Status: INACTIVE
Expiration Date: 08/31/2012

CERS:
Name: WHITING DOOR MANUFACTURING COR
Address: 311 VALLEY BL
City,State,Zip: RIALTO, CA 92376
Site ID: 505155
CERS ID: 110040900184
CERS Description: US EPA Air Emission Inventory System (EIS)

HWTS:
Name: WHITING DOOR MFG CORP
Address: 311 W VALLEY BLVD
Address 2: Not reported
City,State,Zip: RIALTO, CA 923767715
EPA ID: CAD982493553
Inactive Date: 12/22/1994
Create Date: 07/11/1990
Last Act Date: 08/10/2004
Mailing Name: ABDULLAH ERREN
Mailing Address: 311 W VALLEY BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: RIALTO, CA 923767715
Owner Name: DON WHITING
Owner Address: NOT REQUIRED
Owner Address 2: Not reported
Owner City,State,Zip: NOT REQUIRED, ME 999990000
Contact Name: INACTIVE PER SURVEY 12-22-94
Contact Address: 311 W VALLEY BLVD
Contact Address 2: Not reported
City,State,Zip: RIALTO, CA 923767715

E16 **HOMETOWN BUFFET #753** **CA San Bern. Co. Permit** **S102818483**
ENE **127 W VALLEY BLVD** **N/A**
< 1/8 **RIALTO, CA 92376**
0.054 mi.
285 ft. **Site 1 of 6 in cluster E**

Relative:
Higher

Actual:
1060 ft.

San Bern. Co. Permit:
Name: HOMETOWN BUFFET #753
Address: 127 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0011224
Owner: Buffets, Inc.
Permit Number: PT0019535
Permit Category: BULK CO2 AT RETAIL FOOD FACILITIES
Facility Status: INACTIVE
Expiration Date: 09/30/2010

F17
NW
< 1/8
0.059 mi.
312 ft.

DOUGLAS TRUCKING
350 W VALLEY BLVD
RIALTO, CA 92376

Site 1 of 7 in cluster F

TX Ind. Haz Waste **S104852154**
N/A

Relative:
Higher

Actual:
1071 ft.

Ind. Haz Waste:

Name:	DOUGLAS TRUCKING
Address:	350 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Registration Number:	41644
Registration Initial Notification Date:	05/25/1990
Registration Last Amendment Date:	07/07/2017
EPA Identification:	Not reported
Primary NAICS Code:	484121
Status Change Date:	20170718
Land Type:	Not reported
Description of Facility Site Location:	Not reported
Site Primary Standard Industrial Code:	Not reported
Site Primary SIC Description:	Not reported
Registration is Generator of Waste:	No
Registration is Receivers of Waste:	No
Registration is Transporter of Waste:	Yes
Registration is Transfer Facility:	No
Facility is STEERS Reporter:	No
Reqired to Submit Annual Waste Summary:	No
Facility Involved In Recycling:	No
Revcr Has Monthly Reporting Requirement:	0
Mexican Facility:	Not reported
Type of Generator:	Not reported
TNRCC Region:	Not reported
Company Name:	DOUGLAS TRUCKING CO
Contact Name:	LARRY KELLY
Contact Telephone Number:	714-8776360
Mailing Address:	350 W VALLEY BLVD
Mailing Address2:	Not reported
Mailing City,St,Zip:	RIALTO, CA 923767716
Mailing County:	UNITED STATES
Facility Country:	UNITED STATES
TNRCC Facility ID:	18029
Site Owner Tax ID:	0
Site Location Latitude:	-00.000
Site Location Longitude:	-000.000
Last Update to NOR Data:	20170718
Ind. waste permit Number:	Not reported
Mun waste permit Number:	Not reported
Non Notifier:	No

Business Records Not Found for this RegNo/Year:

Owner:

Owner Mailing Address:	350 W VALLEY BLVD
Owner Mailing Address2:	Not reported
Owner Mailing Address3:	Not reported
Owner City,St,Zip:	RIALTO, CA 92376 7716
Owner Country:	UNITED STA
Owner Phone Number:	1-714-8776360
Owner Fax Number:	Not reported
Owner Email Address:	Not reported
Owner Business Type:	Unknown

DOUGLAS TRUCKING (Continued) **S104852154**

Owner Tax Id: 17513123244
Owner Bankruptcy Code: Not reported

Operator:
Operator Last Name: DOUGLAS TRUCKING CO
Operator First Name: Not reported
Operator Name: DOUGLAS TRUCKING CO
Operator Mailing Address: 350 W VALLEY BLVD
Operator Mailing Address 2: Not reported
Operator Mailing City,St,Zip: RIALTO, CA 92376 7716
Operator Country: UNITED STA
Operator Phone: 1-714-8776360
Operator Fax: Not reported
Operator Email: Not reported
Operator Business Type: Unknown
Operator Tax Id: 17513123244
Operator Bankruptcy Code: Not reported

Contact:
Contact Name: Not reported
Contact Title: Not reported
Contact Role: OWNCON
Contact Address: 350 W VALLEY BLVD
Contact Address2: Not reported
Conact City,St,Zip: RIALTO, CA 92376 7716
Contact Phone: 1-714-8776360
Contact Fax: Not reported
Contact Email: Not reported

Contact:
Contact Name: Not reported
Contact Title: Not reported
Contact Role: OPRCON
Contact Address: 350 W VALLEY BLVD
Contact Address2: Not reported
Conact City,St,Zip: RIALTO, CA 92376 7716
Contact Phone: 1-714-8776360
Contact Fax: Not reported
Contact Email: Not reported

Contact:
Contact Name: LARRY KELLY
Contact Title: ENVIRONMENTAL MANAGER
Contact Role: PRICONT
Contact Address: 350 W VALLEY BLVD
Contact Address2: Not reported
Conact City,St,Zip: RIALTO, CA 92376 7716
Contact Phone: 1-714-8776360
Contact Fax: Not reported
Contact Email: Not reported

Unit Records Not Found for this RegNo/Year:

One Time Shipper Records Not Found for this RegNo/Year:
Receiver Type: Not reported
Transporter for hire: 1
Transport own waste: 0
Eq 01, if transport waste type = 1: Not reported
Eq 02, if transport waste type = 2: Not reported
Eq 03, if transport waste type = 3: Not reported

DOUGLAS TRUCKING (Continued) **S104852154**

Eq 04, if transport waste type = H: 04
Target TCEQ unique facid for discarded(merged) facility: Not reported

Waste Records Not Found for this RegNo/Year:

F18 **FAT EQUIP RENTAL INC** **CA SWEEPS UST** **S101591346**
NW **350 W VALLEY BLVD** **CA FID UST** **N/A**
< 1/8 **RIALTO, CA 92376**
0.059 mi.
312 ft. **Site 2 of 7 in cluster F**

Relative:
Higher

Actual:
1071 ft.

SWEEPS UST:

Name:	FAT EQUIP RENTAL INC
Address:	350 W VALLEY BLVD
City:	RIALTO
Status:	Active
Comp Number:	8456
Number:	1
Board Of Equalization:	44-020063
Referral Date:	03-24-92
Action Date:	03-24-92
Created Date:	09-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-008456-000001
Tank Status:	A
Capacity:	1
Active Date:	09-13-88
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	8

Name:	FAT EQUIP RENTAL INC
Address:	350 W VALLEY BLVD
City:	RIALTO
Status:	Active
Comp Number:	8456
Number:	1
Board Of Equalization:	44-020063
Referral Date:	03-24-92
Action Date:	03-24-92
Created Date:	09-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-008456-000002
Tank Status:	A
Capacity:	1
Active Date:	09-13-88
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Name:	FAT EQUIP RENTAL INC
Address:	350 W VALLEY BLVD
City:	RIALTO
Status:	Active
Comp Number:	8456
Number:	1

FAT EQUIP RENTAL INC (Continued) **S101591346**

Board Of Equalization: 44-020063
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008456-000003
Tank Status: A
Capacity: 1
Active Date: 09-13-88
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Name: FAT EQUIP RENTAL INC
Address: 350 W VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 8456
Number: 1
Board Of Equalization: 44-020063
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008456-000004
Tank Status: A
Capacity: 1
Active Date: 09-13-88
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Name: FAT EQUIP RENTAL INC
Address: 350 W VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 8456
Number: 1
Board Of Equalization: 44-020063
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008456-000005
Tank Status: A
Capacity: 1
Active Date: 09-13-88
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Name: FAT EQUIP RENTAL INC
Address: 350 W VALLEY BLVD
City: RIALTO

FAT EQUIP RENTAL INC (Continued) **S101591346**

Status: Active
Comp Number: 8456
Number: 1
Board Of Equalization: 44-020063
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008456-000006
Tank Status: A
Capacity: 1
Active Date: 09-13-88
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Name: FAT EQUIP RENTAL INC
Address: 350 W VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 8456
Number: 1
Board Of Equalization: 44-020063
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008456-000007
Tank Status: A
Capacity: 1
Active Date: 09-13-88
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Name: FAT EQUIP RENTAL INC
Address: 350 W VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 8456
Number: 1
Board Of Equalization: 44-020063
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008456-000008
Tank Status: A
Capacity: 1
Active Date: 09-13-88
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

FAT EQUIP RENTAL INC (Continued) **S101591346**

CA FID UST:
Facility ID: 36005107
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 350 W VALLEY BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

F19 **SQUARE TRANSPORTATION INC** **RCRA NonGen / NLR** **1024820535**
NW **350 W VALLEY BLVD** **CAL000333968**
< 1/8 **RIALTO, CA 92376**
0.059 mi.
312 ft. **Site 3 of 7 in cluster F**

Relative: **Higher**

Actual: **1071 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20080625
Handler Name: SQUARE TRANSPORTATION INC
Handler Address: 350 W VALLEY BLVD
Handler City,State,Zip: RIALTO, CA 92376-7716
EPA ID: CAL000333968
Contact Name: ANGEL HERRERA
Contact Address: 350 W VALLEY BLVD
Contact City,State,Zip: RIALTO, CA 92376
Contact Telephone: 909-421-8090
Contact Fax: 909-421-8898
Contact Email: AHERRERA@SQUARETRANSPORTATION.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 660
Mailing City,State,Zip: BLOOMINGTON, CA 92316-0660
Owner Name: SQUARE TRANSPORTATION INC
Owner Type: Other
Operator Name: ANGEL HERRERA
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

SQUARE TRANSPORTATION INC (Continued) **1024820535**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQUARE TRANSPORTATION INC
Legal Status:	Other

SQUARE TRANSPORTATION INC (Continued) **1024820535**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	350 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376-7716
Owner/Operator Telephone:	909-421-8090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANGEL HERRERA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	350 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	909-421-8090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20080625
Handler Name:	SQUARE TRANSPORTATION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

F20
NW
< 1/8
0.059 mi.
312 ft.

SQUARE TRANSPORTATION INC
350 W VALLEY BLVD
RIALTO, CA 92376

Site 4 of 7 in cluster F

CA San Bern. Co. Permit

S104532947
N/A

Relative:
Higher

Actual:
1071 ft.

San Bern. Co. Permit:

Name: SQUARE TRANSPORTATION INC
Address: 350 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0011641
Owner: HERRERA, JOSE
Permit Number: PT0020150
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: INACTIVE
Expiration Date: 05/31/2020

Name: SQUARE TRANSPORTATION INC
Address: 350 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0011641
Owner: HERRERA, JOSE
Permit Number: PT0020151
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: INACTIVE
Expiration Date: 05/31/2020

Name: KODIAK DIESEL REPAIR INC
Address: 350 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0011511
Owner: DANIEL V ELLIS
Permit Number: PT0019918
Permit Category: SPECIAL HANDLER
Facility Status: INACTIVE
Expiration Date: 04/30/2008

Name: KODIAK DIESEL REPAIR INC
Address: 350 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0011511
Owner: DANIEL V ELLIS
Permit Number: PT0019917
Permit Category: SPECIAL GENERATOR
Facility Status: INACTIVE
Expiration Date: 04/30/2008

Name: CALICO TRANSPORT INC
Address: 350 W VALLEY BLVD 5
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001701
Owner: CALICO TRANSPORT INC
Permit Number: PT0002008
Permit Category: SPECIAL HANDLER

SQUARE TRANSPORTATION INC (Continued) **S104532947**

Facility Status: INACTIVE
Expiration Date: 11/30/2007

Name: CALICO TRANSPORT INC
Address: 350 W VALLEY BLVD 5
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001701
Owner: CALICO TRANSPORT INC
Permit Number: PT0002007
Permit Category: SPECIAL GENERATOR
Facility Status: INACTIVE
Expiration Date: 11/30/2007

F21 **RRL DIESEL REPAIR SHOP INC** **RCRA NonGen / NLR** **1026486938**
NW **350 W VALLEY BLVD** **CAC003093112**
< 1/8 **RIALTO, CA 92376**
0.059 mi.
312 ft. **Site 5 of 7 in cluster F**

Relative: **Higher**
Actual: **1071 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20201116
Handler Name:	RRL DIESEL REPAIR SHOP INC
Handler Address:	350 W VALLEY BLVD
Handler City,State,Zip:	RIALTO, CA 92376
EPA ID:	CAC003093112
Contact Name:	ERIC LEON
Contact Address:	350 W VALLEY BLVD
Contact City,State,Zip:	RIALTO, CA 92376
Contact Telephone:	909-449-9289
Contact Fax:	Not reported
Contact Email:	MANAGEMENT@TRANSERVICES.US
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1434 WILLOW AVE
Mailing City,State,Zip:	RIALTO, CA 92376
Owner Name:	RAMON LEON
Owner Type:	Other
Operator Name:	ERIC LEON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

RRL DIESEL REPAIR SHOP INC (Continued) **1026486938**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201117
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERIC LEON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	350 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	909-449-9289
Owner/Operator Telephone Ext:	Not reported

RRL DIESEL REPAIR SHOP INC (Continued) **1026486938**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RAMON LEON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 350 W VALLEY BLVD
Owner/Operator City,State,Zip: RIALTO, CA 92376
Owner/Operator Telephone: 909-421-9807
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20201116
Handler Name: RRL DIESEL REPAIR SHOP INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 484210
NAICS Description: USED HOUSEHOLD AND OFFICE GOODS MOVING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F22 **BELCO TRANSPORT, INC** **RCRA NonGen / NLR** **1025861003**
NW **350 W VALLEY BLVD** **CAC003041678**
< 1/8 **RIALTO, CA 92376**
0.059 mi.
312 ft. **Site 6 of 7 in cluster F**

Relative:
Higher

Actual:
1071 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20191104
Handler Name: BELCO TRANSPORT, INC
Handler Address: 350 W VALLEY BLVD
Handler City,State,Zip: RIALTO, CA 92376-7716
EPA ID: CAC003041678
Contact Name: DARLENE ELIIS
Contact Address: 350 W VALLEY BLVD
Contact City,State,Zip: RIALTO, CA 92376-7716
Contact Telephone: 909-877-6360

BELCO TRANSPORT, INC (Continued) **1025861003**

Contact Fax:	Not reported
Contact Email:	ROBERT@HAYWARDENVIRONMENTAL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	350 W VALLEY BLVD
Mailing City,State,Zip:	RIALTO, CA 92376-7716
Owner Name:	BELCO TRANSPORT, INC
Owner Type:	Other
Operator Name:	DARLENE ELIIS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

BELCO TRANSPORT, INC (Continued) **1025861003**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191108
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BELCO TRANSPORT, INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	350 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376-7716
Owner/Operator Telephone:	909-877-6360
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DARLENE ELIIS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	350 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376-7716
Owner/Operator Telephone:	909-877-6360
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191104
Handler Name: BELCO TRANSPORT, INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

BELCO TRANSPORT, INC (Continued) **1025861003**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G23 **FED EX** **CA FID UST** **S101591325**
North **280 W VALLEY BLVD** **CA HAZNET** **N/A**
< 1/8 **RIALTO, CA 92376** **CA CIWQS**
0.061 mi. **CA HWTS**
324 ft. **Site 1 of 4 in cluster G**

Relative:
Higher

Actual:
1066 ft.

CA FID UST:
Facility ID: 36004790
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 164 S JEFFERSON
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HAZNET:
Name: GOODFELLOW CORP CA
Address: 280 W VALLEY BLVD
Address 2: Not reported
City,State,Zip: RIALTO, CA 92376
Contact: TONNIE BIVENS
Telephone: 9098742700
Mailing Name: Not reported
Mailing Address: 280 W VALLEY BLVD

Year: 2019
Gepaid: CAL000402318
TSD EPA ID: CAD044429835
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15000

Year: 2018
Gepaid: CAL000402318

FED EX (Continued) **S101591325**

TSD EPA ID: AZR000501510
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05000

Year: 2018
Gepaid: CAL000402318
TSD EPA ID: CAD044429835
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05000

Year: 2018
Gepaid: CAL000402318
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00000

Year: 2018
Gepaid: CAL000402318
TSD EPA ID: AZR000520304
CA Waste Code: 291 - Latex waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.41700

Year: 2016
Gepaid: CAL000402318
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.494

Year: 2015
Gepaid: CAL000402318
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.52

Additional Info:
Year: 2015
Gen EPA ID: CAL000402318

Shipment Date: 20150724
Creation Date: 10/6/2015 22:15:06
Receipt Date: 20150724
Manifest ID: 002670824GBF
Trans EPA ID: CAD980814446
Trans Name: MARK ALARCON'S WASTE OIL SERVICE

FED EX (Continued) **S101591325**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.684
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150518
Creation Date:	8/10/2015 22:15:21
Receipt Date:	20150518
Manifest ID:	002670633GBF
Trans EPA ID:	CAD980814446
Trans Name:	MARK ALARCON'S WASTE OIL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.836
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000402318

Shipment Date:	20150724
Creation Date:	10/6/2015 22:15:06
Receipt Date:	20150724
Manifest ID:	002670824GBF
Trans EPA ID:	CAD980814446
Trans Name:	MARK ALARCON'S WASTE OIL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352

FED EX (Continued) **S101591325**

Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.684
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150518
Creation Date:	8/10/2015 22:15:21
Receipt Date:	20150518
Manifest ID:	002670633GBF
Trans EPA ID:	CAD980814446
Trans Name:	MARK ALARCON'S WASTE OIL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.836
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CIWQS:

Name:	FED EX
Address:	280 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Agency:	Fed Ex
Agency Address:	3620 Hacks Cross Rd Bldg B, Memphis, TN 38125
Place/Project Type:	Industrial - Air Courier Services
SIC/NAICS:	4513
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36I005977
NPDES Number:	CAS000001
Adoption Date:	Not reported

FED EX (Continued) **S101591325**

Effective Date:	04/17/1992
Termination Date:	10/23/2012
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.07052
Longitude:	-117.37419

HWTS:

Name:	GOODFELLOW CORP CA
Address:	280 W VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
EPA ID:	CAL000402318
Inactive Date:	Not reported
Create Date:	11/17/2014
Last Act Date:	08/26/2020
Mailing Name:	Not reported
Mailing Address:	280 W VALLEY BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 92376
Owner Name:	KURT GOODFELLOW
Owner Address:	PO BOX 60070
Owner Address 2:	Not reported
Owner City,State,Zip:	BOULDER CITY, NV 89006
Contact Name:	MEL SOTELO
Contact Address:	280 W VALLEY BLVD
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376

NAICS:

EPA ID:	CAL000402318
Create Date:	2014-11-17 12:57:34.920
NAICS Code:	336399
NAICS Description:	All Other Motor Vehicle Parts Manufacturing
Issued EPA ID Date:	2014-11-17 12:57:34.91700
Inactive Date:	Not reported
Facility Name:	GOODFELLOW CORP CA
Facility Address:	280 W VALLEY BLVD
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92376

G24 **GOODFELLOW CORP CA** **RCRA NonGen / NLR** **1024847445**
North **280 W VALLEY BLVD** **CAL000402318**
< 1/8 **RIALTO, CA 92376**
0.061 mi.
324 ft. **Site 2 of 4 in cluster G**

Relative: **Higher**

Actual: **1066 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20141117
Handler Name:	GOODFELLOW CORP CA	
Handler Address:		280 W VALLEY BLVD
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAL000402318
Contact Name:		MIKKI SHARPE
Contact Address:		280 W VALLEY BLVD
Contact City,State,Zip:		RIALTO, CA 92376
Contact Telephone:		909-874-2700
Contact Fax:		909-874-2744
Contact Email:		MIKKI@GOODFELLOWCRUSHERS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		280 W VALLEY BLVD
Mailing City,State,Zip:		RIALTO, CA 92376
Owner Name:		KURT GOODFELLOW
Owner Type:		Other
Operator Name:		MIKKI SHARPE
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

GOODFELLOW CORP CA (Continued) **1024847445**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KURT GOODFELLOW
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 60070
Owner/Operator City,State,Zip:	BOULDER CITY, NV 89006
Owner/Operator Telephone:	702-293-7504
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKKI SHARPE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	280 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	909-874-2700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GOODFELLOW CORP CA (Continued) **1024847445**

Historic Generators:
Receive Date: 20141117
Handler Name: GOODFELLOW CORP CA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G25 **FEDERAL EXPRESS CORP** **CA UST** **U003784963**
North **280 W VALLEY BLVD** **CA SWEEPS UST** **N/A**
< 1/8 **RIALTO, CA 92376** **CA WDS**
0.061 mi.
324 ft. **Site 3 of 4 in cluster G**

Relative:
Higher

Actual:
1066 ft.

UST:
Name: FEDERAL EXPRESS CORP
Address: 280 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Facility ID: 87013790
Permitting Agency: SAN BERNARDINO COUNTY
CERSID: Not reported
Latitude: 34.0724974
Longitude: -117.3726328

SWEEPS UST:
Name: FEDERAL EXPRESS CORP
Address: 280 W VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 13790
Number: 1
Board Of Equalization: 44-020511
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-16-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-013790-000001
Tank Status: A

FEDERAL EXPRESS CORP (Continued) **U003784963**

Capacity:	1
Active Date:	09-16-88
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	1

WDS:

Name:	FEDERAL EXPRESS
Address:	280 W VALLEY BLVD
City:	RIALTO
Facility ID:	Santa Ana River 36I005977
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	9098743030
Facility Contact:	SR MANAGER
Agency Name:	FEDERAL EXPRESS - RIALTO
Agency Address:	280 W Valley Blvd
Agency City,St,Zip:	Rialto 923767714
Agency Contact:	SR MGR
Agency Telephone:	9098743030
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

G26 **FEDERAL EXPRESS CORP** **CA San Bern. Co. Permit** **S103649087**
North **280 W VALLEY BLVD** **N/A**
< 1/8 **RIALTO, CA 92376**
0.061 mi.
324 ft. **Site 4 of 4 in cluster G**

Relative: San Bern. Co. Permit:
Higher

Actual:
1066 ft.

Name:	FEDERAL EXPRESS CORP
Address:	280 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0003196
Owner:	Federal Express Corporation
Permit Number:	PT0003357
Permit Category:	SPECIAL HANDLER
Facility Status:	INACTIVE
Expiration Date:	09/30/2013

Name:	FEDERAL EXPRESS CORP
Address:	280 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0003196
Owner:	Federal Express Corporation
Permit Number:	PT0003356
Permit Category:	SPECIAL GENERATOR
Facility Status:	INACTIVE
Expiration Date:	09/30/2013

Name:	FEDERAL EXPRESS CORP
Address:	280 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0003196
Owner:	Federal Express Corporation
Permit Number:	PT0011255
Permit Category:	REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status:	INACTIVE
Expiration Date:	09/30/2006

E27 **PAUL HUBBS CONSTRUCTION CO** **CA HIST UST** **S118413945**
NE **140 WEST VALLEY BLVD** **N/A**
< 1/8 **RIALTO, CA 92376**
0.063 mi.
331 ft. **Site 2 of 6 in cluster E**

Relative: HIST UST:
Higher

Actual:
1061 ft.

Name:	PAUL HUBBS CONSTRUCTION CO
Address:	140 WEST VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
File Number:	0002A3F7
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A3F7.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported

PAUL HUBBS CONSTRUCTION CO (Continued) **S118413945**

Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

E28 **PAUL HUBBS CONSTRUCTION CO.** **CA HIST UST** **U001575550**
NE **140 W VALLEY BLVD** **N/A**
< 1/8 **RIALTO, CA 92376**
0.063 mi.
331 ft. **Site 3 of 6 in cluster E**

Relative: HIST UST:
Higher

Name:	PAUL HUBBS CONSTRUCTION CO.
Address:	140 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000035560
Facility Type:	Other
Other Type:	CONSTRUCTION YARD
Contact Name:	JAY HUBBS
Telephone:	7148772726
Owner Name:	PAUL J. HUBBS
Owner Address:	140 WEST VALLEY BLVD.
Owner City,St,Zip:	RIALTO, CA 92376
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1964
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well
Tank Num:	002
Container Num:	2
Year Installed:	1964
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well
Tank Num:	003
Container Num:	3
Year Installed:	1964

PAUL HUBBS CONSTRUCTION CO. (Continued) **U001575550**

Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well

Tank Num:	004
Container Num:	4
Year Installed:	1964
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well

E29 **PAUL HUBBS CONSTRUCTION CO.** **CA SWEEPS UST** **S101619402**
NE **140 W VALLEY BLVD** **CA FID UST** **N/A**
< 1/8 **RIALTO, CA 92376** **CA EMI**
0.063 mi.
331 ft. **Site 4 of 6 in cluster E**

Relative: **Higher**

Actual: **1061 ft.**

SWEEPS UST:

Name:	PAUL HUBBS CONSTRUCTION CO.
Address:	140 W VALLEY BLVD
City:	RIALTO
Status:	Not reported
Comp Number:	35560
Number:	Not reported
Board Of Equalization:	44-020912
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-035560-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	5

Name:	PAUL HUBBS CONSTRUCTION CO.
Address:	140 W VALLEY BLVD
City:	RIALTO
Status:	Not reported
Comp Number:	35560
Number:	Not reported
Board Of Equalization:	44-020912
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-035560-000002
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	M.V. FUEL

PAUL HUBBS CONSTRUCTION CO. (Continued) **S101619402**

STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: PAUL HUBBS CONSTRUCTION CO.
Address: 140 W VALLEY BLVD
City: RIALTO
Status: Not reported
Comp Number: 35560
Number: Not reported
Board Of Equalization: 44-020912
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-035560-000003
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Name: PAUL HUBBS CONSTRUCTION CO.
Address: 140 W VALLEY BLVD
City: RIALTO
Status: Not reported
Comp Number: 35560
Number: Not reported
Board Of Equalization: 44-020912
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-035560-000004
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Name: PAUL HUBBS CONSTRUCTION CO.
Address: 140 W VALLEY BLVD
City: RIALTO
Status: Not reported
Comp Number: 35560
Number: Not reported
Board Of Equalization: 44-020912
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-035560-000005
Tank Status: Not reported

PAUL HUBBS CONSTRUCTION CO. (Continued) **S101619402**

Capacity:	4000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	36002127
Regulated By:	UTNKI
Regulated ID:	00035560
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	140 W VALLEY BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIALTO 92376
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

EMI:

Name:	PAUL HUBBS CONST CO
Address:	140 W VALLEY BL
City,State,Zip:	RIALTO, CA 92376
Year:	1990
County Code:	36
Air Basin:	SC
Facility ID:	30510
Air District Name:	SC
SIC Code:	0
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

F30 **ORION FLOORING, INC** **RCRA NonGen / NLR** **1026043867**
WNW **363 W VALLEY BLVD** **CAC003050121**
< 1/8 **RIALTO, CA 92376**
0.095 mi.
504 ft. **Site 7 of 7 in cluster F**

Relative: **Higher**

Actual: **1073 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20200108
Handler Name:	ORION FLOORING, INC	
Handler Address:		363 W VALLEY BLVD
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAC003050121
Contact Name:		SAM DAWOUD
Contact Address:		363 W VALLEY BLVD
Contact City,State,Zip:		RIALTO, CA 92376
Contact Telephone:		714-936-6549
Contact Fax:		951-346-3378
Contact Email:		YVETTE@ENVIROPROSCA.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		363 W VALLEY BLVD
Mailing City,State,Zip:		RIALTO, CA 92376
Owner Name:		SAM DAWOUD
Owner Type:		Other
Operator Name:		SAM DAWOUD
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

ORION FLOORING, INC (Continued) **1026043867**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAM DAWOUD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	363 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	714-936-6549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAM DAWOUD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	363 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	714-936-6549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ORION FLOORING, INC (Continued) **1026043867**

Historic Generators:
Receive Date: 20200108
Handler Name: ORION FLOORING, INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E31 **THRIFTY OIL #323/ ARCO #9695** **CA LUST** **S103464083**
ENE **111 VALLEY BLVD** **N/A**
< 1/8 **RIALTO, CA 92376**
0.106 mi.
560 ft. **Site 5 of 6 in cluster E**

Relative: **Higher**
Actual: **1063 ft.**

LUST REG 8:
Name: THRIFTY OIL #323/ ARCO #9695
Address: 111 VALLEY BLVD
City: RIALTO
Region: 8
County: San Bernardino
Regional Board: Santa Ana Region
Facility Status: Preliminary site assessment underway
Case Number: 083603296T
Local Case Num: 98096
Case Type: Soil only
Substance: 8006619, MTB
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: RIVERSIDE
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0607100519
How Stopped Date: Not reported
Enter Date: 11/6/1998
Date Confirmation of Leak Began: Not reported

THRIFTY OIL #323/ ARCO #9695 (Continued) **S103464083**

Date Preliminary Assessment Began:	1/1/1965
Discover Date:	12/29/1997
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	11/6/1998
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.0703134
Longitude:	-117.3703439
MTBE Date:	11/15/2001
Max MTBE GW:	2.2
MTBE Concentration:	0
Max MTBE Soil:	10300
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	VJJ
Staff Initials:	LH6
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	MUN
Priority:	A2
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

H32 **ARCO FACILITY NO 09695** **RCRA-SQG** **1004678016**
ENE **111 W VALLEY BLVD** **FINDS** **CAR000104000**
< 1/8 **RIALTO, CA 92376** **ECHO**
0.109 mi.
573 ft. **Site 1 of 19 in cluster H**

Relative: **Higher**
Actual: **1063 ft.**

RCRA-SQG:

Date Form Received by Agency:		20020710
Handler Name:	ARCO FACILITY NO 09695	
Handler Address:		111 W VALLEY BLVD
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAR000104000
Contact Name:		JACK OMAN
Contact Address:		P O BOX 6038
Contact City,State,Zip:		ARTESIA, CA 90702-6038
Contact Telephone:		714-690-2425
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator

ARCO FACILITY NO 09695 (Continued) **1004678016**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P O BOX 6038
Mailing City,State,Zip:	ARTESIA, CA 90702-6038
Owner Name:	B P W COAST PRODUCTS LLC
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

ARCO FACILITY NO 09695 (Continued) **1004678016**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	B P W COAST PRODUCTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702-6038
Owner/Operator Telephone:	714-690-2425
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20020710
Handler Name: ARCO FACILITY NO 09695	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

ARCO FACILITY NO 09695 (Continued) **1004678016**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110012191350

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004678016
Registry ID: 110012191350
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012191350
Name: ARCO FACILITY NO 09695
Address: 111 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376

H33 **SPEEDWAY NO. 3975 (USA)** **CA LUST** **S101591044**
ENE **111 W VALLEY BLVD** **CA CERS HAZ WASTE** **N/A**
< 1/8 **RIALTO, CA 92376** **CA SWEEPS UST**
0.109 mi. **CA FID UST**
573 ft. **Site 2 of 19 in cluster H** **CA CERS TANKS**
CA Cortese
Relative: Higher **CA San Bern. Co. Permit**
CA CERS
Actual: 1063 ft.

LUST:
Name: THRIFTY OIL #323/ ARCO #9695
Address: 111 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Lead Agency: SAN BERNARDINO COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100519
Global Id: T0607100519
Latitude: 34.0702467333333
Longitude: -117.370627233333
Status: Completed - Case Closed
Status Date: 09/17/2008
Case Worker: Not reported
RB Case Number: 083603296T
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 98096

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History: Not reported

LUST:
Global Id: T0607100519
Action Type: ENFORCEMENT
Date: 09/17/2008
Action: Closure/No Further Action Letter - #98096

Global Id: T0607100519
Action Type: Other
Date: 04/13/1998
Action: Leak Stopped

Global Id: T0607100519
Action Type: Other
Date: 02/18/1998
Action: Leak Discovery

Global Id: T0607100519
Action Type: RESPONSE
Date: 07/23/2007
Action: Other Report / Document

Global Id: T0607100519
Action Type: Other
Date: 11/30/1998
Action: Leak Reported

Global Id: T0607100519
Action Type: REMEDIATION
Date: 09/09/2005
Action: Soil Vapor Extraction (SVE)

Global Id: T0607100519
Action Type: REMEDIATION
Date: 02/21/2002
Action: Soil Vapor Extraction (SVE)

LUST:
Global Id: T0607100519
Status: Open - Case Begin Date
Status Date: 02/18/1998

Global Id: T0607100519
Status: Open - Site Assessment
Status Date: 02/18/1998

Global Id: T0607100519
Status: Open - Site Assessment
Status Date: 09/11/2008

Global Id: T0607100519
Status: Completed - Case Closed
Status Date: 09/17/2008

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

CERS HAZ WASTE:
Name: SPEEDWAY NO. 3975 (USA)
Address: 111 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 160441
CERS ID: 10035490
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: THRIFTY OIL CO #323
Address: 111 W VALLEY
City: RIALTO
Status: Active
Comp Number: 2500
Number: 9
Board Of Equalization: 44-007386
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 323-1
SWRCB Tank Id: 36-000-002500-000001
Tank Status: A
Capacity: 8136
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 5

Name: THRIFTY OIL CO #323
Address: 111 W VALLEY
City: RIALTO
Status: Active
Comp Number: 2500
Number: 9
Board Of Equalization: 44-007386
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 323-2
SWRCB Tank Id: 36-000-002500-000002
Tank Status: A
Capacity: 15000
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: THRIFTY OIL CO #323
Address: 111 W VALLEY
City: RIALTO
Status: Active
Comp Number: 2500
Number: 9
Board Of Equalization: 44-007386

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 323-5
SWRCB Tank Id: 36-000-002500-000003
Tank Status: A
Capacity: 8136
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: THRIFTY OIL CO #323
Address: 111 W VALLEY
City: RIALTO
Status: Active
Comp Number: 2500
Number: 9
Board Of Equalization: 44-007386
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 323-6
SWRCB Tank Id: 36-000-002500-000004
Tank Status: A
Capacity: 6259
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: THRIFTY OIL CO #323
Address: 111 W VALLEY
City: RIALTO
Status: Active
Comp Number: 2500
Number: 9
Board Of Equalization: 44-007386
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 323-10
SWRCB Tank Id: 36-000-002500-000005
Tank Status: A
Capacity: 550
Active Date: 08-25-88
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 36000967
Regulated By: UTNKA
Regulated ID: 00002500

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 10000 LAKEWOOD BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CERS TANKS:
Name: SPEEDWAY NO. 3975 (USA)
Address: 111 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 160441
CERS ID: 10035490
CERS Description: Underground Storage Tank

CORTESE:
Name: THRIFTY OIL #323/ ARCO #9695
Address: 111 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607100519
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

San Bern. Co. Permit:
Name: SPEEDWAY NO. 3975 (USA)
Address: 111 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001024
Owner: TRMC RETAIL

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

Permit Number: PT0012209
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: SPEEDWAY NO. 3975 (USA)
Address: 111 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001024
Owner: TRMC RETAIL
Permit Number: PT0012210
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: SPEEDWAY NO. 3975 (USA)
Address: 111 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001024
Owner: TRMC RETAIL
Permit Number: PT0012211
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: SPEEDWAY NO. 3975 (USA)
Address: 111 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001024
Owner: TRMC RETAIL
Permit Number: PT0002006
Permit Category: HAZMAT HANDLER, UST ONLY - PER YEAR
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: SPEEDWAY NO. 3975 (USA)
Address: 111 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001024
Owner: TRMC RETAIL
Permit Number: PT0013702
Permit Category: WASTE INCIDENTAL UST OPERATION ONLY -PER YEAR
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: SPEEDWAY NO. 3975 (USA)
Address: 111 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001024
Owner: TRMC RETAIL
Permit Number: PT0012212
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

Facility Status: INACTIVE
Expiration Date: 05/31/2006

CERS:

Name:	SPEEDWAY NO. 3975 (USA)
Address:	111 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	160441
CERS ID:	10035490
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	160441
Site Name:	SPEEDWAY No. 3975 (USA)
Violation Date:	04-20-2020
Citation:	HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 05/21/2020. CORRECTIVE ACTION: Submit plans for permits to repair the areas noted as failure and re-test within sixty (60) days. OBSERVATION: Failures were noted in the Vent Box and UDCs 3/4 and 5/6 during the 4/7/2020 Secondary Containment Testing.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	160441
Site Name:	SPEEDWAY No. 3975 (USA)
Violation Date:	05-20-2014
Citation:	HSC 6.7 29291(b) - California Health and Safety Code, Chapter 6.7, Section(s) 29291(b)
Violation Description:	Failure of the UST system to be designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment.
Violation Notes:	Returned to compliance on 06/09/2014. OBSERVATION: A vinyl siphon line was observed connected to the 20k-87 turbine. The technician on site was unable to prove that the vinyl line is an approved component. All components used to construct the primary containment system, such as special accessories, fittings, coatings or linings, monitoring systems and level controls shall be approved by an independent testing organization. COMPLIANCE REQUIREMENT: Submit documentation showing that the vinyl line used on the siphon is an approved component or submit a copy of the work order showing that the vinyl component was replaced with an approved component. Note: The technician on site stated that vinyl line will be replaced that day on 05/20/2014, with an approved copper line.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	160441
Site Name:	SPEEDWAY No. 3975 (USA)
Violation Date:	04-10-2019
Citation:	23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 04/10/2019. OBSERVATION: The 323 sensor within the 87 (aux) tank's STP sump was not functional when tested. CORRECTIVE ACTION: The sensor was replaced while on-site. No further corrective action necessary.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 160441
Site Name: SPEEDWAY No. 3975 (USA)
Violation Date: 05-28-2015
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 08/26/2015. Correct the following and upload to CERS within 30 days. Vent Piping Transition Sumps G CERS indicatesG Double-walledG However, G single walledG observed SIGN CERTIFICATE OF COMPLIANCE AS DOCUMENTATION OF COMPLETION
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST Inspection with D. Pianalto - no violations
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No HW violations cited
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-28-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: no HM violations noted
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-10-2019
Violations Found: Yes

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: tesoro
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Tesoro UST
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-20-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: TESORO USA- UST SB989 TESTING- PRESSURE SYSTEM - INSP W. ADRIAN S.- NON-VPH SITE
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Mont Cert Tesoro Rialto
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-14-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ANNUAL HW AND HM INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-20-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: UST ANNUAL INSPECTION

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: tesoro
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-10-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST HANDLER INSPECTION AND CERS REVIEW
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-04-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HAZ MAT UST ONLY INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST SUMP INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-10-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST FIELD INSPECTION-ANNUAL MONITORING SYSTEM CERTIFICATION (3 TANKS) W/JIM GONZALES
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-04-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST ANNUAL INSPECTION WITH MONITORING SYSTEM CERTIFICATION
Eval Division: San Bernardino County Fire Department
Eval Program: UST

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-14-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ANNUAL HW AND HM INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 160441
Site Name: SPEEDWAY No. 3975 (USA)
Site Address: 111 W VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 05-20-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 160441
Site Name: SPEEDWAY No. 3975 (USA)
Site Address: 111 W VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 05-28-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS

Coordinates:
Site ID: 160441
Facility Name: SPEEDWAY No. 3975 (USA)
Env Int Type Code: HWG
Program ID: 10035490
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.070152
Longitude: -117.370720

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: TRMC RETAIL LLC
Entity Title: Not reported
Affiliation Address: ATTN: ENVIRONMENTAL DEPT. G 500 SPEEDWAY DR.
Affiliation City: ENON
Affiliation State: OH
Affiliation Country: United States

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

Affiliation Zip:	45323
Affiliation Phone:	(937) 863-7377
Affiliation Type Desc:	Parent Corporation
Entity Name:	Tesoro Refining and Marketing Company LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	ATTN: ENVIRONMENTAL DEPT. G 500 SPEEDWAY DR.
Affiliation City:	ENON
Affiliation State:	OH
Affiliation Country:	Not reported
Affiliation Zip:	45323
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	TERESA A. MILES
Entity Title:	PACIFIC DIVISION ENVIRONMENTAL COMPLIANCE MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	TERESA A. MILES
Entity Title:	ENVIRONMENTAL COMPLIANCE SUPERVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 495-6850
Affiliation Type Desc:	UST Tank Operator
Entity Name:	TMSO, INC. (SAM ANABI)
Entity Title:	Not reported
Affiliation Address:	111 W VALLEY BLVD
Affiliation City:	RIALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92376
Affiliation Phone:	(909) 394-4728
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Thrifty Oil Co.
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HWY

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581
Affiliation Type Desc:	Document Preparer
Entity Name:	BELSHIRE ENVIRONMENTAL SERVICES, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401
Affiliation Type Desc:	Environmental Contact
Entity Name:	LANNI DUONG
Entity Title:	Not reported
Affiliation Address:	ATTN: ENVIRONMENTAL DEPT. G 500 SPEEDWAY DR.
Affiliation City:	ENON
Affiliation State:	OH
Affiliation Country:	Not reported
Affiliation Zip:	45323
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	TMSO, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 394-4728
Affiliation Type Desc:	Property Owner
Entity Name:	Thrifty Oil Co.
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY
Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581
Affiliation Type Desc:	UST Property Owner Name

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

Entity Name:	Thrifty Oil Co.
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HWY
Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581

Name:	THRIFTY OIL #323/ ARCO #9695
Address:	111 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	225975
CERS ID:	T0607100519
CERS Description:	Leaking Underground Storage Tank Cleanup Site

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H34 **SPEEDWAY NO. 3975 (USA)** **CA UST** **U004351848**
ENE **111 W VALLEY BLVD** **N/A**
< 1/8 **RIALTO, CA 92376**
0.109 mi.
573 ft. **Site 3 of 19 in cluster H**

Relative: **Higher**
Actual: **1063 ft.**

UST:

Name:	SPEEDWAY NO. 3975 (USA)
Address:	111 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Facility ID:	FA0001024
Permitting Agency:	San Bernardino County Fire Department
CERSID:	10035490
Latitude:	34.070156
Longitude:	-117.370735

H35 **ARCO STN 323** **CA HIST UST** **U001575522**
ENE **111 W VALLEY** **N/A**
< 1/8 **RIALTO, CA 92376**
0.109 mi.
573 ft. **Site 4 of 19 in cluster H**

Relative: **Higher**
Actual: **1063 ft.**

HIST UST:

Name:	ARCO STN 323
Address:	111 W VALLEY
City,State,Zip:	RIALTO, CA 92376
File Number:	0002A7F3
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A7F3.pdf
Region:	STATE
Facility ID:	00000002500
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	2139239876
Owner Name:	THRIFTY OIL CO.
Owner Address:	1000 LAKEWOOD BLVD.
Owner City,St,Zip:	DOWNEY, CA 90240
Total Tanks:	0005

ARCO STN 323 (Continued) **U001575522**

Tank Num:	001
Container Num:	323-1
Year Installed:	Not reported
Tank Capacity:	00008136
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	323-2
Year Installed:	1981
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	.267
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	323-5
Year Installed:	Not reported
Tank Capacity:	00008136
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	323-6
Year Installed:	Not reported
Tank Capacity:	00006259
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Tank Num:	005
Container Num:	323-10
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

H36 **THRIFTY OIL 323** **EDR Hist Auto** **1020188741**
ENE **111 W VALLEY BLVD** **N/A**
< 1/8 **RIALTO, CA 92376**
0.109 mi.
573 ft. **Site 5 of 19 in cluster H**

Relative: EDR Hist Auto
Higher

Actual:
1063 ft.

Year:	Name:	Type:
1975	BELL CLYDE A	Gasoline Service Stations
1976	BELL CLYDE A	Gasoline Service Stations

THRIFTY OIL 323 (Continued) **1020188741**

1977	BELL CLYDE A	Gasoline Service Stations
1978	BELL CLYDE A	Gasoline Service Stations
1979	BELL CLYDE A	Gasoline Service Stations
1980	BELL CLYDE A	Gasoline Service Stations
1982	BELL CLYDE A	Gasoline Service Stations
1983	BELL CLYDE A	Gasoline Service Stations
1996	THRIFTY OIL 323	Gasoline Service Stations
1997	THRIFTY OIL 323	Gasoline Service Stations
1998	THRIFTY OIL 323	Gasoline Service Stations
1999	THRIFTY OIL 323	Gasoline Service Stations
2000	THRIFTY OIL 323	Gasoline Service Stations
2001	THRIFTY OIL 323	Gasoline Service Stations
2002	THRIFTY OIL 323	Gasoline Service Stations
2003	THRIFTY OIL 323	Gasoline Service Stations
2004	THRIFTY OIL 323	Gasoline Service Stations
2005	THRIFTY OIL 323	Gasoline Service Stations
2006	THRIFTY OIL 323	Gasoline Service Stations
2007	THRIFTY OIL 323	Gasoline Service Stations
2008	THRIFTY OIL 323	Gasoline Service Stations
2008	BP WEST COAST PRODUCTS LLC	Gasoline Service Stations, NEC
2009	BP WEST COAST PRODUCTS LLC	Gasoline Service Stations, NEC
2013	TMSO INC	Gasoline Service Stations
2014	TMSO INC	Gasoline Service Stations
2014	ARCO AM PM	Gasoline Service Stations, NEC

H37 **SPEEDWAY #3975** **RCRA NonGen / NLR** **1026828228**
ENE **111 W VALLEY BLVD** **CAL000463217**
< 1/8 **RIALTO, CA 92376**
0.109 mi.
573 ft. **Site 6 of 19 in cluster H**

Relative: **Higher**
Actual: **1063 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20210607
Handler Name:	SPEEDWAY #3975	
Handler Address:		111 W VALLEY BLVD
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAL000463217
Contact Name:		TERESA MILES
Contact Address:		500 SPEEDWAY DR
Contact City,State,Zip:		ENON, OH 45323
Contact Telephone:		562-305-8226
Contact Fax:		Not reported
Contact Email:		TAMILES@SPEEDWAY.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		500 SPEEDWAY DR
Mailing City,State,Zip:		ENON, OH 45323
Owner Name:		TRMC RETAIL LLC
Owner Type:		Other
Operator Name:		TERESA MILES

SPEEDWAY #3975 (Continued) **1026828228**

Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210618
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

SPEEDWAY #3975 (Continued) **1026828228**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRMC RETAIL LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 SPEEDWAY DR
Owner/Operator City,State,Zip:	ENON, OH 45323
Owner/Operator Telephone:	562-305-8226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TERESA MILES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 SPEEDWAY DR
Owner/Operator City,State,Zip:	ENON, OH 45323
Owner/Operator Telephone:	562-305-8226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210607
Handler Name: SPEEDWAY #3975	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	447190
NAICS Description:	OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

H38 **TESORO REFINING & MARKETING COMPANY LLC #63323** **RCRA NonGen / NLR** **1024833511**
ENE **111 W VALLEY BLVD** **CAL000372930**
< 1/8 **RIALTO, CA 92376**
0.109 mi.
573 ft. **Site 7 of 19 in cluster H**

Relative: **Higher**

Actual: **1063 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20210604
Handler Name:	TESORO REFINING & MARKETING COMPANY LLC #63323
Handler Address:	111 W VALLEY BLVD
Handler City,State,Zip:	RIALTO, CA 92376-7711
EPA ID:	CAL000372930
Contact Name:	BRENDA RAMIREZ
Contact Address:	RIDGEWOOD PKWY
Contact City,State,Zip:	SAN ANTONIO, TX 78259
Contact Telephone:	210-626-5153
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	RIDGEWOOD PKWY
Mailing City,State,Zip:	SAN ANTONIO, TX 78259
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	TESORO REFINING & MARKETING COMPANY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TESORO REFINING & MARKETING COMPANY LLC #63323 (Continued) **1024833511**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210610
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TESORO REFINING & MARKETING COMPANY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	19100 RIDGEWOOD PKWY
Owner/Operator City,State,Zip:	SAN ANTONIO, TX 78259-0000
Owner/Operator Telephone:	210-626-6153
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TESORO REFINING & MARKETING COMPANY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 SPEEDWAY DR
Owner/Operator City,State,Zip:	ENON, OH 45323
Owner/Operator Telephone:	562-305-8226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TESORO REFINING & MARKETING COMPANY LLC #63323 (Continued) **1024833511**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRENDA RAMIREZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	19100 RIDGEWOOD PKWY
Owner/Operator City,State,Zip:	SAN ANTONIO, TX 78259
Owner/Operator Telephone:	210-626-5153
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TESORO REFINING & MARKETING COMPANY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	19100 RIDGEWOOD PKWY
Owner/Operator City,State,Zip:	SAN ANTONIO, TX 78259
Owner/Operator Telephone:	210-626-6153
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210604
Handler Name:	TESORO REFINING & MARKETING COMPANY LLC #63323
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20120321
Handler Name:	TESORO USA 63323
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20210203
Handler Name:	TESORO REFINING & MARKETING COMPANY LLC #63323
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

TESORO REFINING & MARKETING COMPANY LLC #63323 (Continued) **1024833511**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	44719
NAICS Description:	OTHER GASOLINE STATIONS
NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

H39 **ARCO #9695** **CA UST** **U004350321**
ENE **111 W VALLEY BLVD** **N/A**
< 1/8 **RIALTO, CA 92376**
0.109 mi.
573 ft. **Site 8 of 19 in cluster H**

Relative: **Higher**
Actual: **1063 ft.**

UST:

Name:	ARCO #9695
Address:	111 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Facility ID:	86008454
Permitting Agency:	SAN BERNARDINO COUNTY
CERSID:	Not reported
Latitude:	34.0714477
Longitude:	-117.369363

E40 **TEXACO SERVICE STATION** **CA LUST** **S102438785**
ENE **120 VALLEY BLVD** **CA HIST CORTESE** **N/A**
< 1/8 **RIALTO, CA 92376**
0.109 mi.
575 ft. **Site 6 of 6 in cluster E**

Relative: **Higher**
Actual: **1063 ft.**

LUST REG 8:

Name:	TEXACO SERVICE STATION
Address:	120 VALLEY BLVD
City:	RIALTO
Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083602887T
Local Case Num:	96045
Case Type:	Soil only
Substance:	Waste Oil

TEXACO SERVICE STATION (Continued) **S102438785**

Qty Leaked:	Not reported
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Cross Street:	RIVERSIDE
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0607100424
How Stopped Date:	Not reported
Enter Date:	9/19/1996
Date Confirmation of Leak Began:	12/11/1990
Date Preliminary Assessment Began:	Not reported
Discover Date:	12/11/1990
Enforcement Date:	Not reported
Close Date:	3/5/1997
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	9/10/1996
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/19/1996
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.0705584
Longitude:	-117.3698618
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	BM7
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

HIST CORTESE:

edr_fname:	TEXACO SERVICE STATION
edr_fadd1:	120 VALLEY
City,State,Zip:	RIALTO, CA
Region:	CORTESE
Facility County Code:	36
Reg By:	LTNKA

TEXACO SERVICE STATION (Continued) **S102438785**

Reg Id: 083602887T

H41 **TEXACO SERVICE STATION** **CA LUST** **S100946308**
NE **120 W VALLEY BLVD** **CA Cortese** **N/A**
< 1/8 **RIALTO, CA 92376** **CA CERS**
0.120 mi.
632 ft. **Site 9 of 19 in cluster H**

Relative:
Higher

Actual:
1064 ft.

LUST:
Name: TEXACO SERVICE STATION
Address: 120 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Lead Agency: SAN BERNARDINO COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100424
Global Id: T0607100424
Latitude: 34.070942
Longitude: -117.370748
Status: Completed - Case Closed
Status Date: 03/05/1997
Case Worker: Not reported
RB Case Number: 083602887T
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 96045
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0607100424
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rose.scott@waterboards.ca.gov
Phone Number: 9513206375

LUST:
Global Id: T0607100424
Action Type: ENFORCEMENT
Date: 03/05/1997
Action: Closure/No Further Action Letter

Global Id: T0607100424
Action Type: Other
Date: 12/11/1990
Action: Leak Discovery

Global Id: T0607100424
Action Type: Other
Date: 09/04/1996
Action: Leak Reported

LUST:
Global Id: T0607100424

TEXACO SERVICE STATION (Continued) **S100946308**

Status: Open - Case Begin Date
Status Date: 12/11/1990

Global Id: T0607100424
Status: Open - Site Assessment
Status Date: 12/11/1990

Global Id: T0607100424
Status: Open - Site Assessment
Status Date: 09/10/1996

Global Id: T0607100424
Status: Completed - Case Closed
Status Date: 03/05/1997

CORTESE:
Name: TEXACO SERVICE STATION
Address: 120 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607100424
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: TEXACO SERVICE STATION
Address: 120 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 194951
CERS ID: T0607100424
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA

TEXACO SERVICE STATION (Continued) **S100946308**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

H42 **VICS TEXACO SERVICE** **EDR Hist Auto** **1020649533**
NE **120 W VALEY** **N/A**
< 1/8 **RIALTO, CA 92376**
0.120 mi.
632 ft. **Site 10 of 19 in cluster H**

Relative: EDR Hist Auto
Higher

Actual:
1064 ft.

Year:	Name:	Type:
1969	BURDETTE WILLIAM D	Gasoline Service Stations
1970	BURDETTE WILLIAM D	Gasoline Service Stations
1971	BURDETTE WILLIAM D	Gasoline Service Stations
1972	BURDETTE WILLIAM D	Gasoline Service Stations
1973	BURDETTE WILLIAM D	Gasoline Service Stations
1974	BURDETTE WILLIAM D	Gasoline Service Stations
1977	VICS TEXACO SERVICE	Gasoline Service Stations
1978	VICS TEXACO SERVICE	Gasoline Service Stations
1989	REIDS HONDA DOCTOR	General Automotive Repair Shops

H43 **RIALTO, CITY OF (TEXACO)** **CA LUST** **S101301260**
ENE **102 VALLEY** **CA HIST CORTESE** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.127 mi.
668 ft. **Site 11 of 19 in cluster H**

Relative: LUST REG 8:
Higher

Actual:
1064 ft.

Name:	RIALTO, CITY OF (TEXACO)
Address:	102 VALLEY BLVD
City:	RIALTO
Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083600955T
Local Case Num:	91033
Case Type:	Soil only
Substance:	Regular Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	RIVERSIDE
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0607100101
How Stopped Date:	4/29/1991
Enter Date:	2/11/1992
Date Confirmation of Leak Began:	4/29/1991
Date Preliminary Assessment Began:	Not reported

RIALTO, CITY OF (TEXACO) (Continued) **S101301260**

Discover Date:	4/29/1991
Enforcement Date:	Not reported
Close Date:	8/25/1992
Date Prelim Assessment Workplan Submitted:	1/28/1992
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	2/11/1992
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.0705254
Longitude:	-117.3700108
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	VJJ
Staff Initials:	DG4
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: FORMER CAL TARGET ENTERPRISES SITE

HIST CORTESE:

edr_fname:	RIALTO, CITY OF (TEXACO)
edr_fadd1:	102 VALLEY
City,State,Zip:	RIALTO, CA 92376
Region:	CORTESE
Facility County Code:	36
Reg By:	LTNKA
Reg Id:	083600955T

H44 **CHEVRON #9-6969** **CA LUST** **S106784791**
ENE **101 VALLEY BLVD** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.127 mi.
668 ft. **Site 12 of 19 in cluster H**

Relative: **Higher**

Actual: **1064 ft.**

LUST REG 8:

Name:	CHEVRON #9-6969
Address:	101 VALLEY BLVD
City:	RIALTO
Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region

CHEVRON #9-6969 (Continued) **S106784791**

Facility Status:	Case Closed
Case Number:	083602453T
Local Case Num:	92045
Case Type:	Drinking water wells have been affected
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	RIVERSIDE
Enf Type:	CLOS
Funding:	Federal Funds
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0607100325
How Stopped Date:	9/16/1993
Enter Date:	6/16/1994
Date Confirmation of Leak Began:	9/16/1993
Date Preliminary Assessment Began:	10/5/1993
Discover Date:	9/16/1993
Enforcement Date:	Not reported
Close Date:	4/28/2000
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	6/16/1994
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.0703024
Longitude:	-117.3700508
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	TME
Staff Initials:	CB5
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Site closed on April 28, 2000.

I45
NE
1/8-1/4
0.155 mi.
821 ft.

GRAY / ICE BUILDERS
1610 S. RIVERSIDE DR.
RIALTO, CA 92376

Site 1 of 8 in cluster I

RCRA NonGen / NLR | **1024764348** | **CAC002984216**

Relative:
Higher

Actual:
1075 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20181010
Handler Name:	GRAY / ICE BUILDERS	
Handler Address:		1610 S. RIVERSIDE DR.
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAC002984216
Contact Name:		JACK BUCHANAN
Contact Address:		1610 S. RIVERSIDE DR.
Contact City,State,Zip:		RIALTO, CA 92376
Contact Telephone:		714-469-5538
Contact Fax:		Not reported
Contact Email:		JBUCHANAN@GRAY.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		421 E. CERRITOS AVE
Mailing City,State,Zip:		ANAHEIM, CA 92805
Owner Name:		PACIFICA RIALTO LLC
Owner Type:		Other
Operator Name:		JACK BUCHANAN
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

GRAY / ICE BUILDERS (Continued) **1024764348**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JACK BUCHANAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1610 S. RIVERSIDE DR.
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	714-469-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFICA RIALTO LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1610 S. RIVERSIDE DR.
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	714-469-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GRAY / ICE BUILDERS (Continued) **1024764348**

Historic Generators:
Receive Date: 20181010
Handler Name: GRAY / ICE BUILDERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 236220
NAICS Description: COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I46 **WALMART #1862** **CA AST** **S113178948**
NE **1610 S RIVERSIDE AVE** **CA HAZNET** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA HWTS**
0.155 mi.
821 ft. **Site 2 of 8 in cluster I**

Relative:
Higher

Actual:
1075 ft.

AST:
Name: WALMART #1862
Address: 1610 S RIVERSIDE AVE
City/Zip: RIALTO,92376
Certified Unified Program Agencies: Not reported
Owner: Walmart Stores, Inc.
Total Gallons: Not reported
CERSID: 10046515
Facility ID: FA0007198
Business Name: Walmart
Phone: (909) 820-9912
Fax: Not reported
Mailing Address: 702 Southwest 8th Street
Mailing Address City: Bentonville
Mailing Address State: AR
Mailing Address Zip Code: Not reported
Operator Name: Walmart Stores, Inc.
Operator Phone: (479) 204-3911
Owner Phone: (479) 204-3911
Owner Mail Address: 702 Southwest 8th Street
Owner State: AR
Owner Zip Code: Not reported
Owner Country: United States
Property Owner Name: Wal-Mart Real Estate Business Trust
Property Owner Phone: 479-204-3911

WALMART #1862 (Continued) **S113178948**

Property Owner Mailing Address: PO Box 8050
Property Owner City: Bentonville
Property Owner Stat : AR
Property Owner Zip Code: 72716
Property Owner Country: United States
EPAID: CAR000205393

HAZNET:
Name: WALMART #1862
Address: 1610 S RIVERSIDE AVE
Address 2: Not reported
City,State,Zip: RIALTO, CA 923760000
Contact: ROSE ARNOLD
Telephone: 4792778972
Mailing Name: Not reported
Mailing Address: P.O. BOX 8041

Year: 2017
Gepaid: CAR000205393
TSD EPA ID: INR000110197
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.001

Year: 2017
Gepaid: CAR000205393
TSD EPA ID: CAD008364432
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.216

Year: 2017
Gepaid: CAR000205393
TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.8135

Year: 2017
Gepaid: CAR000205393
TSD EPA ID: CAD008364432
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0025

Year: 2017
Gepaid: CAR000205393
TSD EPA ID: CAD008364432
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.039

WALMART #1862 (Continued) **S113178948**

Year:	2017
Gepaid:	CAR000205393
TSD EPA ID:	CAD008364432
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1725
Year:	2017
Gepaid:	CAR000205393
TSD EPA ID:	CAD008364432
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0005
Year:	2017
Gepaid:	CAR000205393
TSD EPA ID:	CAD008364432
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0055
Year:	2016
Gepaid:	CAR000205393
TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.194
Year:	2016
Gepaid:	CAR000205393
TSD EPA ID:	INR000110197
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.007

Click this hyperlink while viewing on your computer to access
83 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2017
Gen EPA ID:	CAR000205393
Shipment Date:	20170525
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010981461FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	ARD981057870

WALMART #1862 (Continued) **S113178948**

Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.115
Waste Quantity:	230
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170525
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010981461FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170525
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010981461FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5

WALMART #1862 (Continued) **S113178948**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170525
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010981461FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170525
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010981461FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170525

WALMART #1862 (Continued) **S113178948**

Creation Date:	9/27/2018 18:30:17
Receipt Date:	20170531
Manifest ID:	010981461FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	U210
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D022
Additional Code 3:	D007
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20170525
Creation Date:	9/27/2018 18:30:17
Receipt Date:	20170531
Manifest ID:	010981461FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	U002
Additional Code 3:	D035
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20170525
Creation Date:	9/27/2018 18:30:17
Receipt Date:	20170531
Manifest ID:	010981461FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO

WALMART #1862 (Continued) **S113178948**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0475
Waste Quantity:	95
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20170525
Creation Date:	9/27/2018 18:30:17
Receipt Date:	20170531
Manifest ID:	010981461FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170525
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010981461FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250

WALMART #1862 (Continued) **S113178948**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAR000205393
Shipment Date:	20151221
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20151228
Manifest ID:	008454262FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D022
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D005
Additional Code 3:	D002
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151221
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20151228
Manifest ID:	008454262FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	D035

WALMART #1862 (Continued) **S113178948**

Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151221
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20151228
Manifest ID:	008454262FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151221
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20151228
Manifest ID:	008454262FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0765
Waste Quantity:	153
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151214

WALMART #1862 (Continued) **S113178948**

Manifest ID:	008436356FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008436356FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1155
Waste Quantity:	231
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151214
Manifest ID:	008436356FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC

WALMART #1862 (Continued) **S113178948**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151214
Manifest ID:	008436356FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151214
Manifest ID:	008436356FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D022
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0155

WALMART #1862 (Continued) **S113178948**

Waste Quantity:	31
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D005
Additional Code 3:	D002
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151123
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151201
Manifest ID:	008436313FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAR000205393
Shipment Date:	20131224
Creation Date:	5/14/2014 22:15:13
Receipt Date:	20140107
Manifest ID:	006205091FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALMART #1862 (Continued) **S113178948**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131224
Creation Date:	5/14/2014 22:15:13
Receipt Date:	20140107
Manifest ID:	006205091FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.27
Waste Quantity:	540
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131224
Creation Date:	5/14/2014 22:15:13
Receipt Date:	20140107
Manifest ID:	006205091FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.016
Waste Quantity:	32
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20131224
Creation Date:	5/14/2014 22:15:13
Receipt Date:	20140107
Manifest ID:	006205091FLE

WALMART #1862 (Continued) **S113178948**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.014
Waste Quantity:	28
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131210
Creation Date:	5/10/2014 22:15:07
Receipt Date:	20131227
Manifest ID:	006214764FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131210
Creation Date:	5/10/2014 22:15:07
Receipt Date:	20131227
Manifest ID:	006214764FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported

WALMART #1862 (Continued) **S113178948**

TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1045
Waste Quantity:	209
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131210
Creation Date:	5/10/2014 22:15:07
Receipt Date:	20131227
Manifest ID:	006214764FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131210
Creation Date:	5/10/2014 22:15:07
Receipt Date:	20131227
Manifest ID:	006214764FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALMART #1862 (Continued) **S113178948**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131125
Creation Date:	4/24/2014 22:15:08
Receipt Date:	20131217
Manifest ID:	006374675FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131125
Creation Date:	4/24/2014 22:15:08
Receipt Date:	20131217
Manifest ID:	006374675FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D022
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.034
Waste Quantity:	68
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D005
Additional Code 3:	D002
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000205393

WALMART #1862 (Continued) **S113178948**

Shipment Date:	20111219
Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111221
Manifest ID:	000122873MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D022
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111219
Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111221
Manifest ID:	000122873MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0715
Waste Quantity:	143
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000122873MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP

WALMART #1862 (Continued) **S113178948**

TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.076
Waste Quantity:	152
Quantity Unit:	P
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D007
Additional Code 4:	D006
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000122873MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.047
Waste Quantity:	94
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000122873MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

WALMART #1862 (Continued) **S113178948**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.074
Waste Quantity:	148
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000122873MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.074
Waste Quantity:	148
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000122873MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0415
Waste Quantity:	83
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

WALMART #1862 (Continued) **S113178948**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111213
Creation Date:	12/3/2012 22:16:24
Receipt Date:	20120110
Manifest ID:	005071206FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111213
Creation Date:	12/3/2012 22:16:24
Receipt Date:	20120110
Manifest ID:	005071206FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111213
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005071206FLE
Trans EPA ID:	MNS000110924

WALMART #1862 (Continued) **S113178948**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAR000205393
Shipment Date:	20141223
Creation Date:	5/19/2015 22:15:07
Receipt Date:	20150102
Manifest ID:	006335831FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0725
Waste Quantity:	145
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006335831FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432

WALMART #1862 (Continued) **S113178948**

Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	5/19/2015 22:15:07
Receipt Date:	20150102
Manifest ID:	006335831FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	5/19/2015 22:15:07
Receipt Date:	20150102
Manifest ID:	006335831FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

WALMART #1862 (Continued) **S113178948**

Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	5/19/2015 22:15:07
Receipt Date:	20150102
Manifest ID:	006335831FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D022
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0145
Waste Quantity:	29
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D005
Additional Code 3:	D002
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20141209
Creation Date:	5/19/2015 22:15:07
Receipt Date:	20141217
Manifest ID:	007194450FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WALMART #1862 (Continued) **S113178948**

Additional Code 5:	Not reported
Shipment Date:	20141209
Creation Date:	5/19/2015 22:15:07
Receipt Date:	20141217
Manifest ID:	007194450FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.008
Waste Quantity:	16
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141209
Creation Date:	5/19/2015 22:15:07
Receipt Date:	20141217
Manifest ID:	007194450FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D022
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0105
Waste Quantity:	21
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D005
Additional Code 3:	D002
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20141209
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007194450FLE
Trans EPA ID:	MNS000110924

WALMART #1862 (Continued) **S113178948**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.108
Waste Quantity:	216
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141209
Creation Date:	5/19/2015 22:15:07
Receipt Date:	20141217
Manifest ID:	007194450FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1285
Waste Quantity:	257
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000205393
Shipment Date:	20151221
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20151228
Manifest ID:	008454262FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP

WALMART #1862 (Continued) **S113178948**

TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0765
Waste Quantity:	153
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151221
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20151228
Manifest ID:	008454262FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151221
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20151228
Manifest ID:	008454262FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D022
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

WALMART #1862 (Continued) **S113178948**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D005
Additional Code 3:	D002
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151221
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20151228
Manifest ID:	008454262FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008436356FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1155
Waste Quantity:	231
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

WALMART #1862 (Continued) **S113178948**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151214
Manifest ID:	008436356FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D022
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0155
Waste Quantity:	31
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D005
Additional Code 3:	D002
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151214
Manifest ID:	008436356FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151214
Manifest ID:	008436356FLE

WALMART #1862 (Continued) **S113178948**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151214
Manifest ID:	008436356FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151123
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151201
Manifest ID:	008436313FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported

WALMART #1862 (Continued) **S113178948**

TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAR000205393
Shipment Date:	20101220
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000074430MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.081
Waste Quantity:	162
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101220
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000074430MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported

WALMART #1862 (Continued) **S113178948**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101220
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000074430MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H111 - Stabilization Or Chemical Fixation Prior To Disposal At Another Site
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101220
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000074430MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALMART #1862 (Continued) **S113178948**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101220
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000074430MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	D010
Additional Code 2:	D008
Additional Code 3:	D007
Additional Code 4:	D006
Additional Code 5:	Not reported
Shipment Date:	20101220
Creation Date:	3/28/2011 18:30:08
Receipt Date:	20101223
Manifest ID:	000074430MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0265
Waste Quantity:	53
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D022
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101220
Creation Date:	3/28/2011 18:30:08
Receipt Date:	20101223

WALMART #1862 (Continued) **S113178948**

Manifest ID:	000074430MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101220
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000074430MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101206
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000075879MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD980584510
Trans 2 Name:	PHILIP WEST INDUSTRIAL SERVICES
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC

WALMART #1862 (Continued) **S113178948**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101206
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000075879MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD980584510
Trans 2 Name:	PHILIP WEST INDUSTRIAL SERVICES
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAR000205393
Shipment Date:	20121227
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005439307FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5

WALMART #1862 (Continued) **S113178948**

RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	84
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121227
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005439307FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121227
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005439307FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1285
Waste Quantity:	257
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALMART #1862 (Continued) **S113178948**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121227
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005439307FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121227
Creation Date:	5/11/2013 22:15:06
Receipt Date:	20130111
Manifest ID:	005439307FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D022
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.034
Waste Quantity:	68
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D005
Additional Code 3:	D002
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20121227
Creation Date:	5/11/2013 22:15:06
Receipt Date:	20130111
Manifest ID:	005439307FLE

WALMART #1862 (Continued) **S113178948**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0815
Waste Quantity:	163
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20121227
Creation Date:	5/11/2013 22:15:06
Receipt Date:	20130111
Manifest ID:	005439307FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121227
Creation Date:	5/11/2013 22:15:06
Receipt Date:	20130111
Manifest ID:	005439307FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported

WALMART #1862 (Continued) **S113178948**

TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	U034
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121212
Creation Date:	5/3/2013 22:15:23
Receipt Date:	20121227
Manifest ID:	005522527FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.012
Waste Quantity:	24
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121212
Creation Date:	5/3/2013 22:15:23
Receipt Date:	20121227
Manifest ID:	005522527FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1

WALMART #1862 (Continued) **S113178948**

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: WALMART #1862
Address: 1610 S RIVERSIDE AVE
Address 2: Not reported
City,State,Zip: RIALTO, CA 923760000
EPA ID: CAR000205393
Inactive Date: 12/07/2017
Create Date: 04/01/2010
Last Act Date: 10/15/2018
Mailing Name: Not reported
Mailing Address: P.O. BOX 8041
Mailing Address 2: Not reported
Mailing City,State,Zip: BENTONVILLE, AR 727128041
Owner Name: WAL-MART STORES, INC
Owner Address: P.O. BOX 8041
Owner Address 2: Not reported
Owner City,State,Zip: BENTONVILLE, AR 727128041
Contact Name: ROSE ARNOLD
Contact Address: PO BOX 8041
Contact Address 2: Not reported
City,State,Zip: BENTONVILLE, AR 72712

NAICS:
EPA ID: CAR000205393
Create Date: 2014-12-09 10:04:36.333
NAICS Code: 45291
NAICS Description: Warehouse Clubs and Superstores
Issued EPA ID Date: 2010-04-01 08:23:05.99700
Inactive Date: 2017-12-07 00:00:00
Facility Name: WALMART #1862
Facility Address: 1610 S RIVERSIDE AVE
Facility Address 2: Not reported
Facility City: RIALTO
Facility County: Not reported
Facility State: CA
Facility Zip: 923760000

EPA ID: CAR000205393
Create Date: 2010-11-22 13:00:50.000
NAICS Code: 45299
NAICS Description: All Other General Merchandise Stores
Issued EPA ID Date: 2010-04-01 08:23:05.99700
Inactive Date: 2017-12-07 00:00:00
Facility Name: WALMART #1862
Facility Address: 1610 S RIVERSIDE AVE
Facility Address 2: Not reported
Facility City: RIALTO
Facility County: Not reported
Facility State: CA
Facility Zip: 923760000

I47 **WAL-MART STORE #1862** **CA AST** **A100346207**
NE **1610 S. RIVERSIDE AVE** **N/A**
1/8-1/4 **RIALTO, CA**
0.155 mi.
821 ft. **Site 3 of 8 in cluster I**

Relative:
Higher

Actual:
1075 ft.

AST:

Name:	WAL-MART STORE #1862
Address:	1610 S. RIVERSIDE AVE
City/Zip:	RIALTO,
Certified Unified Program Agencies:	San Bernardino
Owner:	WAL-MART STORES INC.
Total Gallons:	1,550
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

I48 **WAL-MART #1862** **RCRA-LQG** **1012175601**
NE **1610 SOUTH RIVERSIDE AVENUE** **CAL000098423**
1/8-1/4 **RIALTO, CA 92376**
0.155 mi.
821 ft. **Site 4 of 8 in cluster I**

Relative:
Higher

Actual:
1075 ft.

RCRA-LQG:

Date Form Received by Agency:		20080225
Handler Name:	WAL-MART #1862	
Handler Address:		1610 SOUTH RIVERSIDE AVENUE
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAL000098423
Contact Name:		RICH DAILEY
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		479-204-9914
Contact Fax:		Not reported
Contact Email:		RICH.DAILEY@WAL-MART.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator

WAL-MART #1862 (Continued) **1012175601**

Non-Notifier:	Not reported
Biennial Report Cycle:	2007
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1300 SE 8TH STREET
Mailing City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner Name:	WAL-MART STORES, INC.
Owner Type:	Private
Operator Name:	WAL-MART STORES, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

WAL-MART #1862 (Continued) **1012175601**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20081015
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WAL-MART STORES, INC.
Legal Status:	Private
Date Became Current:	19930202
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH STREET
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	Not reported

WAL-MART #1862 (Continued) **1012175601**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART STORES, INC.
Legal Status: Private
Date Became Current: 19930202
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20080225
Handler Name: WAL-MART #1862
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 45299
NAICS Description: ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I49 **AUTOZONE 5214** **RCRA NonGen / NLR** **1025877903**
NE **1610 S RIVERSIDE AVE** **CAL000451041**
1/8-1/4 **RIALTO, CA 92376**
0.155 mi.
821 ft. **Site 5 of 8 in cluster I**

Relative:
Higher

Actual:
1075 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20191127
Handler Name: AUTOZONE 5214
Handler Address: 1610 S RIVERSIDE AVE
Handler City,State,Zip: RIALTO, CA 92376
EPA ID: CAL000451041
Contact Name: ANTONIO SALDANA
Contact Address: 1610 S RIVERSIDE AVE
Contact City,State,Zip: RIALTO, CA 92376

AUTOZONE 5214 (Continued) **1025877903**

Contact Telephone:	909-546-3902
Contact Fax:	901-495-3899
Contact Email:	S5214@STORES.AUTOZONE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	123 S FRONT ST DEPT 8190
Mailing City,State,Zip:	MEMPHIS, TN 38103
Owner Name:	AUTOZONE INC
Owner Type:	Other
Operator Name:	ANTONIO SALDANA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

AUTOZONE 5214 (Continued) **1025877903**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191206
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTONIO SALDANA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1610 S RIVERSIDE AVE
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	909-546-3902
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUTOZONE INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	123 S FRONT ST DEPT 8190
Owner/Operator City,State,Zip:	MEMPHIS, TN 38103
Owner/Operator Telephone:	901-495-6500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191127
Handler Name: AUTOZONE 5214	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

AUTOZONE 5214 (Continued) **1025877903**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 452319
NAICS Description: ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I50 **WALMART #1862** **RCRA NonGen / NLR** **1014387099**
NE **1610 S RIVERSIDE AVE** **CAR000205393**
1/8-1/4 **RIALTO, CA 92376**
0.155 mi.
821 ft. **Site 6 of 8 in cluster I**

Relative: **Higher**
Actual: **1075 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20171207
Handler Name:	WALMART #1862	
Handler Address:		1610 S RIVERSIDE AVE
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAR000205393
Contact Name:		ROSE ARNOLD
Contact Address:		PO BOX 8041
Contact City,State,Zip:		BENTONVILLE, AR 72712-8041
Contact Telephone:		479-277-8972
Contact Fax:		479-204-9675
Contact Email:		ROSE.ARNOLD@WALMART.COM
Contact Title:		SENIOR MGR
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 8041
Mailing City,State,Zip:		BENTONVILLE, AR 72712-8041
Owner Name:		WAL-MART STORES INC
Owner Type:		Private
Operator Name:		WAL-MART STORES INC
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No

WALMART #1862 (Continued) **1014387099**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20171208
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE

WALMART #1862 (Continued) **1014387099**

Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P046

WALMART #1862 (Continued) **1014387099**

Waste Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U112
Waste Description: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U165
Waste Description: NAPHTHALENE

WALMART #1862 (Continued) **1014387099**

Waste Code: U182
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U248
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

Waste Code: U249
Waste Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste Code: U279
Waste Description: U279

Waste Code: U409
Waste Description: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: WAL MART STORES INC
Legal Status: Private
Date Became Current: 19930202
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART STORES INC
Legal Status: Private
Date Became Current: 19930202
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported

WALMART #1862 (Continued) **1014387099**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WAL-MART STORES INC
Legal Status:	Private
Date Became Current:	19930202
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-277-8972
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	19930202
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	19930202
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WAL MART STORES INC
Legal Status:	Private
Date Became Current:	19930202
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	19930202
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041

WALMART #1862 (Continued) **1014387099**

Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	19930202
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	19930202
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAL-MART STORES INC
Legal Status:	Private
Date Became Current:	19930202
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-277-8972
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	479-204-9675
Owner/Operator Email:	ROSE.ARNOLD@WALMART.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAL-MART STORES INC
Legal Status:	Private
Date Became Current:	19930202
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private

WALMART #1862 (Continued) **1014387099**

Date Became Current:	19930202
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20100225
Handler Name: WALMART NO 1862	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20110627
Handler Name: WALMART NO 1862	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20120103
Handler Name: WALMART NO 1862	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20141028
Handler Name: WALMART NO 1862	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

WALMART #1862 (Continued) **1014387099**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160620
Handler Name: WALMART #1862
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20171207
Handler Name: WALMART #1862
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 452311
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

NAICS Code: 45291
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

NAICS Code: 452910
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I51 **DD'S DISCOUNT #5398** **RCRA NonGen / NLR** **1026056602**
NE **1610 S RIVERSIDE AVE STE 102** **CAL000452789**
1/8-1/4 **RIALTO, CA 92376**
0.155 mi.
821 ft. **Site 7 of 8 in cluster I**

Relative: **Higher**
Actual: **1075 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20200219
Handler Name:	DD'S DISCOUNT #5398	
Handler Address:		1610 S RIVERSIDE AVE STE 102
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAL000452789
Contact Name:		ASHLEY CAMPBELL
Contact Address:		9950 CHEMICAL RD
Contact City,State,Zip:		PASADENA, TX 77507
Contact Telephone:		713-985-5472
Contact Fax:		Not reported
Contact Email:		ASHLEY.CAMPBELL@STERICYCLE.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		9950 CHEMICAL RD
Mailing City,State,Zip:		PASADENA, TX 77507
Owner Name:		ROSS DRESS FOR LESS INC
Owner Type:		Other
Operator Name:		ASHLEY CAMPBELL
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

DD'S DISCOUNT #5398 (Continued) **1026056602**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200306
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROSS DRESS FOR LESS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5130 HACIENDA DR
Owner/Operator City,State,Zip:	DUBLIN, CA 94568
Owner/Operator Telephone:	925-965-4831
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ASHLEY CAMPBELL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9950 CHEMICAL RD
Owner/Operator City,State,Zip:	PASADENA, TX 77507
Owner/Operator Telephone:	713-985-5472
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DD'S DISCOUNT #5398 (Continued) **1026056602**

Historic Generators:
- Receive Date: 20200219
- Handler Name: DD'S DISCOUNT #5398
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 448140
- NAICS Description: FAMILY CLOTHING STORES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

I52 **WAL-MART STORE 1862** **CA CERS HAZ WASTE** **S124907833**
NE **1610 S RIVERSIDE AVE** **CA San Bern. Co. Permit** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA HWTS**
0.155 mi.
821 ft. **Site 8 of 8 in cluster I**

Relative: Higher
Actual: 1075 ft.

CERS HAZ WASTE:
- Name: AUTOZONE #5214
- Address: 1610 S RIVERSIDE AVE
- City,State,Zip: RIALTO, CA 92376
- Site ID: 563515
- CERS ID: 10046515
- CERS Description: Hazardous Waste Generator

Violations:
- Site ID: 563515
- Site Name: AutoZone #5214
- Violation Date: 06-16-2020
- Citation: Un-Specified
- Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General Local Ordinance
- Violation Notes: Returned to compliance on 07/22/2020. OBSERVATION: The facility's CUPA Hazardous Waste Generator Permit expired on 5/31/2020. CORRECTIVE ACTION: Contact this Division within 30 days and pay all applicable fees.
- Violation Division: San Bernardino County Fire Department
- Violation Program: HW
- Violation Source: CERS

Evaluation:
- Eval General Type: Compliance Evaluation Inspection

WAL-MART STORE 1862 (Continued) **S124907833**

Eval Date:	03-06-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTION - APSA
Eval Division:	San Bernardino County Fire Department
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-12-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CLOSURE INSPECTION.
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-12-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CLOSURE INSPECTION.
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-16-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-16-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-06-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTION - BP
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-06-2014
Violations Found:	No
Eval Type:	Routine done by local agency

WAL-MART STORE 1862 (Continued) **S124907833**

Eval Notes: INSPECTION - HW
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CLOSURE INSPECTION.
Eval Division: San Bernardino County Fire Department
Eval Program: APSA
Eval Source: CERS

Coordinates:
Site ID: 563515
Facility Name: AutoZone #5214
Env Int Type Code: HMBP
Program ID: 10046515
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.071564
Longitude: -117.371490

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Deborah Williams
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: AUTOZONE INC
Entity Title: Not reported
Affiliation Address: 123 South Front Street
Affiliation City: Memphis
Affiliation State: TN
Affiliation Country: United States
Affiliation Zip: 38103
Affiliation Phone: (901) 495-6500

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401

Affiliation Type Desc: Identification Signer

WAL-MART STORE 1862 (Continued) **S124907833**

Entity Name:	Deborah Williams
Entity Title:	Environmental Coordinator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	AutoZone Stores Inc.
Entity Title:	Not reported
Affiliation Address:	123 South Front Street
Affiliation City:	Memphis
Affiliation State:	TN
Affiliation Country:	United States
Affiliation Zip:	38103
Affiliation Phone:	(901) 495-6500
Affiliation Type Desc:	Environmental Contact
Entity Name:	Andrew Beaven
Entity Title:	Not reported
Affiliation Address:	Dept 8190, 123 South Front Street
Affiliation City:	Memphis
Affiliation State:	TN
Affiliation Country:	Not reported
Affiliation Zip:	38103
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Autozone
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(901) 495-7129
Affiliation Type Desc:	Parent Corporation
Entity Name:	Auto Zone
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	Dept. 8190, 123 South Front Street
Affiliation City:	Memphis
Affiliation State:	TN
Affiliation Country:	Not reported
Affiliation Zip:	38103

WAL-MART STORE 1862 (Continued) **S124907833**

Affiliation Phone: Not reported

San Bern. Co. Permit:
Name: AUTOZONE #5214
Address: 1610 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0007198
Owner: AutoZone Stores Inc
Permit Number: PT0006890
Permit Category: CONDITIONALLY EXEMPT SM QTY GENERATOR
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: AUTOZONE #5214
Address: 1610 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0007198
Owner: AutoZone Stores Inc
Permit Number: PT0006891
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: AUTOZONE #5214
Address: 1610 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0007198
Owner: AutoZone Stores Inc
Permit Number: PT0020772
Permit Category: APSA 1,320-10,000 GAL FAC CAPACITY
Facility Status: INACTIVE
Expiration Date: 05/31/2017

HWTS:
Name: DD'S DISCOUNT #5398
Address: 1610 S RIVERSIDE AVE STE 102
Address 2: Not reported
City,State,Zip: RIALTO, CA 92376
EPA ID: CAL000452789
Inactive Date: Not reported
Create Date: 02/19/2020
Last Act Date: 12/14/2020
Mailing Name: Not reported
Mailing Address: 5130 HACIENDA DR
Mailing Address 2: Not reported
Mailing City,State,Zip: DUBLIN, CA 945680000
Owner Name: ROSS DRESS FOR LESS INC
Owner Address: 5130 HACIENDA DR
Owner Address 2: Not reported
Owner City,State,Zip: DUBLIN, CA 94568
Contact Name: KATHY HATCH
Contact Address: 5130 HACIENDA DR

WAL-MART STORE 1862 (Continued) **S124907833**

Contact Address 2: 3RD FLOOR
City,State,Zip: DUBLIN, CA 94568

NAICS:
EPA ID: CAL000452789
Create Date: 2020-02-19 08:20:09.880
NAICS Code: 448140
NAICS Description: Family Clothing Stores
Issued EPA ID Date: 2020-02-19 08:20:09.84700
Inactive Date: Not reported
Facility Name: DD'S DISCOUNT #5398
Facility Address: 1610 S RIVERSIDE AVE STE 102
Facility Address 2: Not reported
Facility City: RIALTO
Facility County: Not reported
Facility State: CA
Facility Zip: 92376

Name: WAL-MART STORE 1862
Address: 1610 S RIVERSIDE AVE
Address 2: Not reported
City,State,Zip: RIALTO, CA 923767708
EPA ID: CAL000412870
Inactive Date: 07/01/2016
Create Date: 12/03/2015
Last Act Date: 07/08/2016
Mailing Name: Not reported
Mailing Address: 18207 MCDURMOTT E STE G
Mailing Address 2: Not reported
Mailing City,State,Zip: IRVINE, CA 92614
Owner Name: FM SONS INC
Owner Address: 18207 MCDURMOTT E STE G
Owner Address 2: Not reported
Owner City,State,Zip: IRVINE, CA 92614
Contact Name: ANNA MORLES
Contact Address: 18207 MCDURMOTT E STE G
Contact Address 2: Not reported
City,State,Zip: IRVINE, CA 92614

NAICS:
EPA ID: CAL000412870
Create Date: 2015-12-03 10:39:30.010
NAICS Code: 23499
NAICS Description: All Other Heavy Construction
Issued EPA ID Date: 2015-12-03 10:39:29.97300
Inactive Date: 2016-07-01 00:00:00
Facility Name: WAL-MART STORE 1862
Facility Address: 1610 S RIVERSIDE AVE
Facility Address 2: Not reported
Facility City: RIALTO
Facility County: Not reported
Facility State: CA
Facility Zip: 923767708

H53 **CHEVRON STATION #6969** **CA UST** **U004350320**
ENE **101 E VALLEY BLVD** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.161 mi.
849 ft. **Site 13 of 19 in cluster H**

Relative:
Higher

Actual:
1066 ft.

UST:

Name:	CHEVRON STATION #6969
Address:	101 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Facility ID:	86008451
Permitting Agency:	SAN BERNARDINO COUNTY
CERSID:	Not reported
Latitude:	34.0714774
Longitude:	-117.3682165

H54 **CHEVRON 96969** **CA CERS HAZ WASTE** **S101591821**
ENE **101 E VALLEY BLVD** **CA CERS TANKS** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA FID UST**
0.161 mi. **CA San Bern. Co. Permit**
849 ft. **Site 14 of 19 in cluster H** **CA CERS**
CA HWTS

Relative:
Higher

Actual:
1066 ft.

CERS HAZ WASTE:

Name:	CHEVRON STATION #96969/1479
Address:	101 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	18432
CERS ID:	10037089
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	CHEVRON STATION #96969/1479
Address:	101 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	18432
CERS ID:	10037089
CERS Description:	Underground Storage Tank

CA FID UST:

Facility ID:	36009223
Regulated By:	UTNKA
Regulated ID:	00062941
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	101 E VALLEY BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIALTO 92376
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CHEVRON 96969 (Continued) **S101591821**

San Bern. Co. Permit:

Name: CHEVRON STATION #96969/1479
Address: 101 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001899
Owner: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Permit Number: PT0012202
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 10/31/2021

Name: CHEVRON STATION #96969/1479
Address: 101 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001899
Owner: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Permit Number: PT0012203
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 10/31/2021

Name: CHEVRON STATION #96969/1479
Address: 101 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001899
Owner: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Permit Number: PT0012204
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 10/31/2021

Name: CHEVRON STATION #96969/1479
Address: 101 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001899
Owner: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Permit Number: PT0002003
Permit Category: HAZMAT HANDLER, UST ONLY - PER YEAR
Facility Status: ACTIVE
Expiration Date: 10/31/2021

Name: CHEVRON STATION #96969/1479
Address: 101 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0001899
Owner: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Permit Number: PT0025160
Permit Category: WASTE INCIDENTAL UST OPERATION ONLY -PER YEAR
Facility Status: ACTIVE
Expiration Date: 10/31/2021

CHEVRON 96969 (Continued) **S101591821**

CERS:
Name: CHEVRON STATION #96969/1479
Address: 101 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 18432
CERS ID: 10037089
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 18432
Site Name: CHEVRON STATION #96969/1479
Violation Date: 04-24-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 04/30/2018. TANK INFORMATION AS PART OF THE UST PERMIT APPLICATION ON LINE IN CERS IS INCORRECT NOTING 3/12/1993 AS THE TANK INSTALLATION DATE. PER DEPARTMENT RECORDS, TANKS WERE INSTALLED ON 9/21/1992. IMMEDIATELY UPDATE TANK INSTALLATION DATES AS PREVIOUSLY NOTED AND SUBMIT DOCUMENTATION OF COMPLIANCE TO THIS DEPARTMENT WITHIN 30 DAYS. MOST RECENT LAST TWO UST SUBMITTAL ON 4/30/2018 AND 5/08/2018 REFLECTS CHANGES MADE TO ADDRESS THIS VIOLATION. VIOLATION CORRECTED. 8/24/2018 ASAGUAN
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 18432
Site Name: CHEVRON STATION #96969/1479
Violation Date: 04-24-2017
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes: Returned to compliance on 04/24/2017. OBSERVATION: THE DIESEL OVERSPILL BUCKET FAILED WHEN TESTED. COMPLIANCE MET ON SITE: TECHNICIAN REPLACED VALVE AND RE-TEST- PASSED
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 18432
Site Name: CHEVRON STATION #96969/1479
Violation Date: 04-27-2020
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)

CHEVRON 96969 (Continued) **S101591821**

Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 04/27/2020. CORRECTIVE ACTION: The VR 209 Sensor in the Diesel Fill sump was replaced and re-tested and passed. Violation was corrected on site OBSERVATION: The VR 209 in the Diesel Fill Sump did not shut down the system when tested.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 18432
Site Name: CHEVRON STATION #96969/1479
Violation Date: 04-25-2019
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes: Returned to compliance on 04/25/2019. OBSERVATION: The spill bucket for the Diesel tank failed when tested. CORRECTIVE ACTION: The Diesel spill bucket drain valve was replaced while on-site and passed testing. No further action required.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 18432
Site Name: CHEVRON STATION #96969/1479
Violation Date: 05-06-2014
Citation: HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description: Failure to install line leak detector on pressurized piping system.
Violation Notes: Returned to compliance on 05/29/2014. VIOLATION: THE DIESEL PLLD FAILED THE LINE LEAK DETECTION TEST. TECHNICIAN STATED EXCESS AIR IN LINE IS HINDERING THE TEST. TECHNICIAN REPLACED SIPHON VALVE AND AIR CONTINUED TO BE PRESENT IN THE SYSTEM. RE-TEST WITHIN 15 DAYS, SUBMIT RESULTS TO THIS DEPARTMENT.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST FIELD INSPECTION-ANNUAL MONITORING SYSTEM CERTIFICATION (3 TANKS)W/ FRANCISCO CASTRO (TRAINING INSPECTION WITH RAEIDA)
Eval Division: San Bernardino County Fire Department
Eval Program: UST

CHEVRON 96969 (Continued) **S101591821**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-19-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS MATERIALS INSPECTION - UST ONLY
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-25-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS MATERIALS INSPECTION - UST ONLY
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST WASTE GENERATOR INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CHERVON- UST HANDLER INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

CHEVRON 96969 (Continued) **S101591821**

Eval Date: 04-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CHEVRON- UST INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: UST ANNUAL INSPECTION WITH MONITORING SYSTEM CERTIFICATION.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-06-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CHERVON- RAILTO-UST INSPECTION-GS STATION-PRESSURE SYSTEM
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CHEVRON- UST MONITORING CERTIFICATION
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-26-2016
Violations Found: No
Eval Type: Routine done by local agency

CHEVRON 96969 (Continued) **S101591821**

Eval Notes: UST ANNUAL INSPECTION WITH MONITORING SYSTEM CERTIFICATION.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-27-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: UST ANNUAL INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST HANDLER INSPECTION AND CERS REVIEW
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 18432
Site Name: CHEVRON STATION #96969/1479
Site Address: 101 E VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 04-24-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 18432
Site Name: CHEVRON STATION #96969/1479
Site Address: 101 E VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 05-06-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS

Coordinates:
Site ID: 18432
Facility Name: CHEVRON STATION #96969/1479
Env Int Type Code: HWG
Program ID: 10037089
Coord Name: Not reported

CHEVRON 96969 (Continued) **S101591821**

Ref Point Type Desc: Unknown
Latitude: 34.070118
Longitude: -117.369774

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Pedro R Carranza
Entity Title: RETAIL OE/HES SPECIALIST
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (909) 874-2470

Affiliation Type Desc: UST Property Owner Name
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94583
Affiliation Phone: (925) 842-9002

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401

Affiliation Type Desc: Document Preparer
Entity Name: Pedro R Carranza
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)

CHEVRON 96969 (Continued) **S101591821**

Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94583
Affiliation Phone: (925) 842-9002

Affiliation Type Desc: Property Owner
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERNIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94583
Affiliation Phone: (925) 842-9002

Affiliation Type Desc: UST Tank Operator
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94583
Affiliation Phone: (925) 842-9002

Affiliation Type Desc: UST Tank Owner
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94583
Affiliation Phone: (925) 842-9002

Affiliation Type Desc: Environmental Contact
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94583
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004,ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94583
Affiliation Phone: Not reported

CHEVRON 96969 (Continued) **S101591821**

Affiliation Type Desc:	Parent Corporation
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	CHARLES BITTLE
Entity Title:	RETAIL HES
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(925) 842-9002

HWTS:

Name:	CHEVRON 96969
Address:	101 E VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923767721
EPA ID:	CAR000118208
Inactive Date:	Not reported
Create Date:	03/04/2003
Last Act Date:	07/28/2020
Mailing Name:	Not reported
Mailing Address:	PO BOX 6004
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN RAMON, CA 945830000
Owner Name:	CHEVRON
Owner Address:	PO BOX 6004
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN RAMON, CA 945830000
Contact Name:	KWAME AWUKU
Contact Address:	6001 BOLLINGER CANYON RD.
Contact Address 2:	Not reported
City,State,Zip:	SAN RAMON, CA 94583

NAICS:

EPA ID:	CAR000118208
Create Date:	2003-10-23 13:13:52.000
NAICS Code:	44711
NAICS Description:	Gasoline Stations with Convenience Stores
Issued EPA ID Date:	2003-03-04 14:25:35.18700
Inactive Date:	Not reported
Facility Name:	CHEVRON 96969
Facility Address:	101 E VALLEY BLVD
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	923767721

CHEVRON 96969 (Continued) **S101591821**

EPA ID:	CAR000118208
Create Date:	2011-08-17 14:36:26.000
NAICS Code:	447110
NAICS Description:	Gasoline Stations with Convenience Stores
Issued EPA ID Date:	2003-03-04 14:25:35.18700
Inactive Date:	Not reported
Facility Name:	CHEVRON 96969
Facility Address:	101 E VALLEY BLVD
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	923767721

H55 **CHEVRON STATION #6969** **CA SWEEPS UST** **U003938912**
ENE **101 E VALLEY BLVD** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.161 mi.
849 ft. **Site 15 of 19 in cluster H**

Relative: **Higher**

Actual: **1066 ft.**

SWEEPS UST:

Name:	CHEVRON STATION #6969
Address:	101 E VALLEY BLVD
City:	RIALTO
Status:	Active
Comp Number:	62941
Number:	9
Board Of Equalization:	44-021353
Referral Date:	07-28-92
Action Date:	07-28-92
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	36-000-062941-000001
Tank Status:	A
Capacity:	10000
Active Date:	08-25-88
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	4

Name:	CHEVRON STATION #6969
Address:	101 E VALLEY BLVD
City:	RIALTO
Status:	Active
Comp Number:	62941
Number:	9
Board Of Equalization:	44-021353
Referral Date:	07-28-92
Action Date:	07-28-92
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	36-000-062941-000002
Tank Status:	A
Capacity:	8000
Active Date:	08-25-88
Tank Use:	UNKNOWN

CHEVRON STATION #6969 (Continued) **U003938912**

STG:	P
Content:	Not reported
Number Of Tanks:	Not reported
Name:	CHEVRON STATION #6969
Address:	101 E VALLEY BLVD
City:	RIALTO
Status:	Active
Comp Number:	62941
Number:	9
Board Of Equalization:	44-021353
Referral Date:	07-28-92
Action Date:	07-28-92
Created Date:	02-29-88
Owner Tank Id:	3
SWRCB Tank Id:	36-000-062941-000003
Tank Status:	A
Capacity:	4000
Active Date:	08-25-88
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported
Name:	CHEVRON STATION #6969
Address:	101 E VALLEY BLVD
City:	RIALTO
Status:	Active
Comp Number:	62941
Number:	9
Board Of Equalization:	44-021353
Referral Date:	07-28-92
Action Date:	07-28-92
Created Date:	02-29-88
Owner Tank Id:	4
SWRCB Tank Id:	36-000-062941-000004
Tank Status:	A
Capacity:	550
Active Date:	08-25-88
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

H56 **CHEVRON STATION #96969/1479** **CA UST** **U004352103**
ENE **101 E VALLEY BLVD** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.161 mi.
849 ft. **Site 16 of 19 in cluster H**

Relative: UST:
Higher

Name:	CHEVRON STATION #96969/1479
Address:	101 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Facility ID:	FA0001899
Permitting Agency:	San Bernardino County Fire Department
CERSID:	10037089
Latitude:	34.070376

Actual:
1066 ft.

CHEVRON STATION #96969/1479 (Continued) **U004352103**

Longitude: -117.370082

H57 **96969** **CA LUST** **U001575517**
ENE **101 E VALLEY BLVD** **CA HIST UST** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA Cortese**
0.161 mi. **CA CERS**
849 ft. **Site 17 of 19 in cluster H**

Relative:
Higher

Actual:
1066 ft.

LUST:
Name: CHEVRON #9-6969
Address: 101 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Lead Agency: SAN BERNARDINO COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100325
Global Id: T0607100325
Latitude: 34.070107
Longitude: -117.369794
Status: Completed - Case Closed
Status Date: 04/28/2000
Case Worker: CB
RB Case Number: 083602453T
Local Agency: SAN BERNARDINO COUNTY
File Location: Local Agency
Local Case Number: 92045
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607100325
Contact Type: Local Agency Caseworker
Contact Name: CURTIS BRUNDAGE
Organization Name: SAN BERNARDINO COUNTY
Address: 620 S. E STREET
City: SAN BERNARDINO
Email: cbrundage@sbcfire.org
Phone Number: Not reported

Global Id: T0607100325
Contact Type: Regional Board Caseworker
Contact Name: MIGUEL OVIEDO
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 Main Street, Suite 500
City: RIVERSIDE
Email: miguel.oviedo@waterboards.ca.gov
Phone Number: 9517823238

LUST:
Global Id: T0607100325
Action Type: Other
Date: 09/16/1993
Action: Leak Stopped

Global Id: T0607100325
Action Type: ENFORCEMENT
Date: 04/28/2000
Action: Closure/No Further Action Letter

96969 (Continued) **U001575517**

Global Id: T0607100325
Action Type: Other
Date: 09/16/1993
Action: Leak Discovery

Global Id: T0607100325
Action Type: Other
Date: 10/05/1993
Action: Leak Reported

LUST:
Global Id: T0607100325
Status: Open - Case Begin Date
Status Date: 09/21/1992

Global Id: T0607100325
Status: Open - Site Assessment
Status Date: 09/16/1993

Global Id: T0607100325
Status: Open - Site Assessment
Status Date: 10/05/1993

Global Id: T0607100325
Status: Completed - Case Closed
Status Date: 04/28/2000

HIST UST:
Name: 96969
Address: 101 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
File Number: 00029BD2
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029BD2.pdf
Region: STATE
Facility ID: 00000062941
Facility Type: Gas Station
Other Type: Not reported
Contact Name: COPELAND,RAYMOND L
Telephone: 7148775083
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: 1961
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2

96969 (Continued) **U001575517**

Year Installed:	1961
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1961
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000170
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1961
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000100
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

CORTESE:

Name:	CHEVRON #9-6969
Address:	101 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607100325
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	CHEVRON #9-6969
Address:	101 E VALLEY BLVD

96969 (Continued) **U001575517**

City,State,Zip: RIALTO, CA 92376
Site ID: 249131
CERS ID: T0607100325
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: CURTIS BRUNDAGE - SAN BERNARDINO COUNTY
Entity Title: Not reported
Affiliation Address: 620 S. E STREET
Affiliation City: SAN BERNARDINO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MIGUEL OVIEDO - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 Main Street, Suite 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517823238

H58 **CHEVRON NO 96969** **RCRA-SQG** **1007200511**
ENE **101 E VALLEY BLVD** **CAP000067413**
1/8-1/4 **RIALTO, CA 92376**
0.161 mi.
849 ft. **Site 18 of 19 in cluster H**

Relative: **Higher**
Actual: **1066 ft.**

RCRA-SQG:
Date Form Received by Agency: 20000309
Handler Name: CHEVRON NO 96969
Handler Address: 101 E VALLEY BLVD
Handler City,State,Zip: RIALTO, CA 92376
EPA ID: CAP000067413
Contact Name: KATHY NORRIS
Contact Address: P O BOX 6004
Contact City,State,Zip: SAN RAMON, CA 94583
Contact Telephone: 925-842-5931
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: P O BOX 6004
Mailing City,State,Zip: SAN RAMON, CA 94583
Owner Name: CHEVRON PRODUCTS CO

CHEVRON NO 96969 (Continued) **1007200511**

Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

CHEVRON NO 96969 (Continued) **1007200511**

Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CHEVRON PRODUCTS CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 6004
Owner/Operator City,State,Zip: SAN RAMON, CA 94583
Owner/Operator Telephone: 925-842-9500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CHEVRON PRODUCTS CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 6004
Owner/Operator City,State,Zip: SAN RAMON, CA 94583
Owner/Operator Telephone: 925-842-9500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20000309
Handler Name: CHEVRON NO 96969
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000309
Handler Name: CHEVRON NO 96969
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported

CHEVRON NO 96969 (Continued) **1007200511**

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: CHEVRON 96969
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 4471
NAICS Description: GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H59 **CHEVRON STATION NO 96969** **RCRA-SQG** **1005904248**
ENE **101 E VALLEY BLVD** **FINDS** **CAR000118208**
1/8-1/4 **RIALTO, CA 92376** **ECHO**
0.161 mi. **CA HAZNET**
849 ft. **Site 19 of 19 in cluster H**

Relative: **Higher**
Actual: **1066 ft.**

RCRA-SQG:
Date Form Received by Agency: 20020516
Handler Name: CHEVRON STATION NO 96969
Handler Address: 101 E VALLEY BLVD
Handler City,State,Zip: RIALTO, CA 92376-7721
EPA ID: CAR000118208
Contact Name: KATHY NORRIS
Contact Address: P O BOX 6004
Contact City,State,Zip: SAN RAMON, CA 94583
Contact Telephone: 925-842-5931
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P O BOX 6004
Mailing City,State,Zip:	SAN RAMON, CA 94583
Owner Name:	CHEVRON PRODUCTS CO
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

CHEVRON STATION NO 96969 (Continued) **1005904248**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20020516
Handler Name:	CHEVRON STATION NO 96969
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

CHEVRON STATION NO 96969 (Continued) **1005904248**

FINDS:
Registry ID: 110012544933

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005904248
Registry ID:	110012544933
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012544933
Name:	CHEVRON NO 96969
Address:	101 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376

HAZNET:

Name:	CHEVRON STATION NO 96969
Address:	101 E VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 945830000
Contact:	KWAME AWUKU
Telephone:	8773866044
Mailing Name:	Not reported
Mailing Address:	PO BOX 6004
Year:	2019
Gepaid:	CAR000118208
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05250
Year:	2019
Gepaid:	CAR000118208
TSD EPA ID:	CAD044429835
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.04500
Year:	2018

CHEVRON STATION NO 96969 (Continued) **1005904248**

Gepaid:	CAR000118208
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.09250
Year:	2018
Gepaid:	CAR000118208
TSD EPA ID:	CAD044429835
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.04250
Year:	2017
Gepaid:	CAR000118208
TSD EPA ID:	CAD044429835
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.029
Year:	2017
Gepaid:	CAR000118208
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.06
Year:	2016
Gepaid:	CAR000118208
TSD EPA ID:	CAD044429835
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0625
Year:	2016
Gepaid:	CAR000118208
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0845
Year:	2015
Gepaid:	CAR000118208
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1835

CHEVRON STATION NO 96969 (Continued) **1005904248**

Year:	2015
Gepaid:	CAR000118208
TSD EPA ID:	CAD044429835
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.085

Click this hyperlink while viewing on your computer to access
31 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2006
Gen EPA ID:	CAR000118208
Shipment Date:	20060516
Creation Date:	12/20/2006 18:30:52
Receipt Date:	20060517
Manifest ID:	25143848
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAR000118208
Shipment Date:	20151112
Creation Date:	1/11/2016 22:16:49
Receipt Date:	20151112
Manifest ID:	009018960FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151112
Creation Date:	1/11/2016 22:16:49
Receipt Date:	20151112
Manifest ID:	009018960FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151112
Creation Date:	1/11/2016 22:16:49
Receipt Date:	20151112
Manifest ID:	009018960FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50

CHEVRON STATION NO 96969 (Continued) **1005904248**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150609
Creation Date:	8/20/2015 22:15:20
Receipt Date:	20150610
Manifest ID:	008318821FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150609
Creation Date:	8/20/2015 22:15:20
Receipt Date:	20150610
Manifest ID:	008318821FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Shipment Date:	20150324
Creation Date:	6/25/2015 22:15:36
Receipt Date:	20150325
Manifest ID:	008318157FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150324
Creation Date:	6/25/2015 22:15:36
Receipt Date:	20150325
Manifest ID:	008318158FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150323
Creation Date:	6/25/2015 22:15:36
Receipt Date:	20150324
Manifest ID:	008318147FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150109
Creation Date:	3/26/2015 22:15:06
Receipt Date:	20150110
Manifest ID:	008039423FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150109
Creation Date:	3/26/2015 22:15:06
Receipt Date:	20150110
Manifest ID:	008039423FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAR000118208
Shipment Date:	20101112
Creation Date:	5/5/2011 18:30:32
Receipt Date:	20101129
Manifest ID:	007927975JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101112
Creation Date:	1/3/2011 18:31:02
Receipt Date:	20101115
Manifest ID:	007927976JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H129 - Other Treatment
Quantity Tons:	0.0125
Waste Quantity:	25

CHEVRON STATION NO 96969 (Continued) **1005904248**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100709
Creation Date:	12/16/2010 18:30:26
Receipt Date:	20100716
Manifest ID:	007025147JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100709
Creation Date:	12/16/2010 18:30:26
Receipt Date:	20100716
Manifest ID:	007025147JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.085
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Shipment Date:	20100122
Creation Date:	5/27/2010 18:30:08
Receipt Date:	20100204
Manifest ID:	006598912JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100122
Creation Date:	5/27/2010 18:30:08
Receipt Date:	20100204
Manifest ID:	006598912JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.051
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100122
Creation Date:	4/12/2010 18:30:47
Receipt Date:	20100125
Manifest ID:	006598911JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAR000118208
Shipment Date:	20090831
Creation Date:	12/8/2009 18:30:31
Receipt Date:	20090911
Manifest ID:	005986018JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090831
Creation Date:	10/29/2009 18:30:19
Receipt Date:	20090901
Manifest ID:	005986019JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H129 - Other Treatment
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090724
Creation Date:	8/25/2009 18:30:22
Receipt Date:	20090731
Manifest ID:	004806490JJK
Trans EPA ID:	CAR000152785
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.1344
Waste Quantity:	32
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090310
Creation Date:	5/29/2009 18:30:11
Receipt Date:	20090313
Manifest ID:	005488400JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.068
Waste Quantity:	20
Quantity Unit:	G

CHEVRON STATION NO 96969 (Continued) **1005904248**

Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090310
Creation Date:	4/15/2009 18:30:09
Receipt Date:	20090311
Manifest ID:	004312219JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090310
Creation Date:	5/29/2009 18:30:11
Receipt Date:	20090313
Manifest ID:	005488400JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005

CHEVRON STATION NO 96969 (Continued) **1005904248**

Gen EPA ID: CAR000118208

Shipment Date: 20051011
Creation Date: 5/24/2006 18:31:13
Receipt Date: 20051012
Manifest ID: 24509441
Trans EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050427
Creation Date: 8/24/2005 7:27:35
Receipt Date: 20050427
Manifest ID: 24404525
Trans EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: NONE
Meth Code: R01 - Recycler
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAR000118208

Shipment Date: 20070702
Creation Date: 11/3/2007 18:30:58
Receipt Date: 20070702

CHEVRON STATION NO 96969 (Continued) **1005904248**

Manifest ID:	001870222JJK
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000118208
Shipment Date:	20111201
Creation Date:	3/16/2012 20:30:38
Receipt Date:	20111215
Manifest ID:	009215707JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110916
Creation Date:	3/12/2012 20:30:14
Receipt Date:	20110927
Manifest ID:	008894540JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250

CHEVRON STATION NO 96969 (Continued) **1005904248**

Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.136
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110916
Creation Date:	3/12/2012 20:30:14
Receipt Date:	20110927
Manifest ID:	008894540JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110505
Creation Date:	6/16/2011 18:30:20
Receipt Date:	20110509
Manifest ID:	004233582FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018

CHEVRON STATION NO 96969 (Continued) **1005904248**

Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.848
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110414
Creation Date:	6/16/2011 18:30:20
Receipt Date:	20110415
Manifest ID:	008408544JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H129 - Other Treatment
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110414
Creation Date:	10/1/2011 18:30:54
Receipt Date:	20110428
Manifest ID:	008408545JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.051
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110414
Creation Date:	10/1/2011 18:30:54
Receipt Date:	20110428
Manifest ID:	008408545JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAR000118208
Shipment Date:	20121210
Creation Date:	2/18/2013 22:15:20
Receipt Date:	20121226
Manifest ID:	010608649JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Shipment Date:	20121210
Creation Date:	2/18/2013 22:15:20
Receipt Date:	20121226
Manifest ID:	010608649JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0238
Waste Quantity:	7
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121210
Creation Date:	2/9/2013 22:15:14
Receipt Date:	20121211
Manifest ID:	010608648JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H129 - Other Treatment
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121112
Creation Date:	2/15/2013 22:15:11
Receipt Date:	20121121
Manifest ID:	010615703JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES

CHEVRON STATION NO 96969 (Continued) **1005904248**

TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121112
Creation Date:	4/4/2013 22:15:21
Receipt Date:	20121113
Manifest ID:	010615702JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121002
Creation Date:	1/5/2013 22:15:31
Receipt Date:	20121010
Manifest ID:	010615057JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

CHEVRON STATION NO 96969 (Continued) **1005904248**

Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120622
Creation Date:	6/11/2015 10:57:41
Receipt Date:	20120706
Manifest ID:	009944956JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120622
Creation Date:	9/17/2012 22:15:21
Receipt Date:	20120625
Manifest ID:	009944955JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Additional Code 5:	Not reported
Shipment Date:	20120622
Creation Date:	6/11/2015 10:57:41
Receipt Date:	20120706
Manifest ID:	009944956JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0042
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120521
Creation Date:	6/11/2015 10:57:57
Receipt Date:	20120610
Manifest ID:	009945872JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAR000118208
Shipment Date:	20171207

CHEVRON STATION NO 96969 (Continued) **1005904248**

Creation Date:	8/7/2018 18:30:40
Receipt Date:	20171221
Manifest ID:	011544216FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171207
Creation Date:	8/7/2018 18:30:40
Receipt Date:	20171221
Manifest ID:	011544216FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170713
Creation Date:	5/31/2018 18:30:42
Receipt Date:	20170728
Manifest ID:	010225749FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170713
Creation Date:	5/31/2018 18:30:42
Receipt Date:	20170728
Manifest ID:	010225749FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170202
Creation Date:	5/18/2017 18:32:03
Receipt Date:	20170203
Manifest ID:	010338032FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

CHEVRON STATION NO 96969 (Continued) **1005904248**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170202
Creation Date:	5/18/2017 18:32:03
Receipt Date:	20170203
Manifest ID:	010338032FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170202
Creation Date:	5/18/2017 18:32:03
Receipt Date:	20170203
Manifest ID:	010338032FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2014
Gen EPA ID: CAR000118208

Shipment Date: 20141212
Creation Date: 3/9/2015 22:15:06
Receipt Date: 20141212
Manifest ID: 008065342FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140825
Creation Date: 10/22/2014 22:15:04
Receipt Date: 20140827
Manifest ID: 007455032FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Shipment Date:	20140825
Creation Date:	10/22/2014 22:15:04
Receipt Date:	20140827
Manifest ID:	007455032FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140825
Creation Date:	10/22/2014 22:15:04
Receipt Date:	20140827
Manifest ID:	007455032FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140306
Creation Date:	4/30/2014 22:15:24
Receipt Date:	20140307
Manifest ID:	006978479FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140306
Creation Date:	4/30/2014 22:15:24
Receipt Date:	20140307
Manifest ID:	006978479FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140306
Creation Date:	4/30/2014 22:15:24
Receipt Date:	20140307
Manifest ID:	006978479FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140211
Creation Date:	4/5/2014 22:15:21
Receipt Date:	20140212
Manifest ID:	006978182FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.275
Waste Quantity:	550
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140211
Creation Date:	4/5/2014 22:15:21
Receipt Date:	20140212
Manifest ID:	006978181FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140204
Creation Date:	4/1/2014 22:15:03
Receipt Date:	20140205
Manifest ID:	007476939FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.275
Waste Quantity:	550
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAR000118208
Shipment Date:	20131230
Creation Date:	3/18/2014 22:15:12
Receipt Date:	20131231
Manifest ID:	006110486FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Shipment Date:	20131010
Creation Date:	11/29/2013 22:15:14
Receipt Date:	20131011
Manifest ID:	006967770FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131010
Creation Date:	11/29/2013 22:15:14
Receipt Date:	20131011
Manifest ID:	006967770FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130625
Creation Date:	9/5/2013 22:15:31
Receipt Date:	20130626
Manifest ID:	006104244FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130516
Creation Date:	7/17/2013 22:15:05
Receipt Date:	20130517
Manifest ID:	006069646FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130516
Creation Date:	7/17/2013 22:15:05
Receipt Date:	20130517
Manifest ID:	006069646FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018

CHEVRON STATION NO 96969 (Continued) **1005904248**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.11
Waste Quantity:	220
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130516
Creation Date:	7/17/2013 22:15:05
Receipt Date:	20130517
Manifest ID:	006069646FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130424
Creation Date:	6/9/2013 22:15:06
Receipt Date:	20130426
Manifest ID:	010396372JJK
Trans EPA ID:	CAR000189431
Trans Name:	ADAMS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.05
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130304
Creation Date:	5/5/2013 22:15:17
Receipt Date:	20130306
Manifest ID:	006068314FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130131
Creation Date:	5/1/2013 22:15:05
Receipt Date:	20130218
Manifest ID:	010970888JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000118208

CHEVRON STATION NO 96969 (Continued) **1005904248**

Shipment Date:	20151112
Creation Date:	1/11/2016 22:16:49
Receipt Date:	20151112
Manifest ID:	009018960FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151112
Creation Date:	1/11/2016 22:16:49
Receipt Date:	20151112
Manifest ID:	009018960FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151112
Creation Date:	1/11/2016 22:16:49
Receipt Date:	20151112
Manifest ID:	009018960FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150609
Creation Date:	8/20/2015 22:15:20
Receipt Date:	20150610
Manifest ID:	008318821FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150609
Creation Date:	8/20/2015 22:15:20
Receipt Date:	20150610
Manifest ID:	008318821FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018

CHEVRON STATION NO 96969 (Continued) **1005904248**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150324
Creation Date:	6/25/2015 22:15:36
Receipt Date:	20150325
Manifest ID:	008318157FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150324
Creation Date:	6/25/2015 22:15:36
Receipt Date:	20150325
Manifest ID:	008318158FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported

CHEVRON STATION NO 96969 (Continued) **1005904248**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150323
Creation Date:	6/25/2015 22:15:36
Receipt Date:	20150324
Manifest ID:	008318147FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150109
Creation Date:	3/26/2015 22:15:06
Receipt Date:	20150110
Manifest ID:	008039423FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150109
Creation Date:	3/26/2015 22:15:06
Receipt Date:	20150110

CHEVRON STATION NO 96969 (Continued) **1005904248**

Manifest ID:	008039423FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAR000118208
Shipment Date:	20080623
Creation Date:	9/4/2008 18:30:07
Receipt Date:	20080703
Manifest ID:	004312220JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080623
Creation Date:	9/4/2008 18:30:07
Receipt Date:	20080703
Manifest ID:	004312220JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC

CHEVRON STATION NO 96969 (Continued) **1005904248**

Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080226
Creation Date:	5/16/2008 18:30:07
Receipt Date:	20080227
Manifest ID:	003810400JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H129 - Other Treatment
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

J60 **J.A.C.K DIESEL REPAIR INC** **RCRA NonGen / NLR** **1024843838**
WNW **450 W VALLEY BLVD** **CAL000395702**
1/8-1/4 **RIALTO, CA 92376**
0.171 mi.
904 ft. **Site 1 of 12 in cluster J**

Relative:
Higher

Actual:
1080 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20140410
Handler Name:	J.A.C.K DIESEL REPAIR INC	
Handler Address:		450 W VALLEY BLVD
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAL000395702
Contact Name:		CHRIS CARNEY
Contact Address:		450 W VALLEY BLVD
Contact City,State,Zip:		RIALTO, CA 92376

J.A.C.K DIESEL REPAIR INC (Continued) **1024843838**

Contact Telephone:	909-875-5225
Contact Fax:	909-875-5223
Contact Email:	JACKDIESEL@ATT.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	450 W VALLEY BLVD
Mailing City,State,Zip:	RIALTO, CA 92376-0000
Owner Name:	CHRIS CARNEY
Owner Type:	Other
Operator Name:	CHRIS CARNEY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

J.A.C.K DIESEL REPAIR INC (Continued) **1024843838**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRIS CARNEY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	450 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	909-875-5225
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHRIS CARNEY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	450 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376-0000
Owner/Operator Telephone:	909-875-5225
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20140410
Handler Name: J.A.C.K DIESEL REPAIR INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

J.A.C.K DIESEL REPAIR INC (Continued) **1024843838**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J61 **G N S TRUCK & TRAILER REPAIR** **CA CERS HAZ WASTE** **S112907103**
WNW **450 W VALLEY** **CA CERS TANKS** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA HAZNET**
0.171 mi. **CA San Bern. Co. Permit**
904 ft. **Site 2 of 12 in cluster J** **CA CERS**
CA HWTS

Relative:
Higher

Actual:
1080 ft.

CERS HAZ WASTE:
Name: J.A.C.K. DIESEL REPAIR, INC
Address: 450 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 39039
CERS ID: 10502755
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: J.A.C.K. DIESEL REPAIR, INC
Address: 450 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 39039
CERS ID: 10502755
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: G N S TRUCK & TRAILER REPAIR
Address: 450 W VALLEY
Address 2: Not reported
City,State,Zip: RIALTO, CA 923760000
Contact: GARY FULLER-MGR
Telephone: 9098774645
Mailing Name: Not reported
Mailing Address: 450 W VALLEY

Year: 2000
Gepaid: CAC002248649
TSD EPA ID: CAT080022148
CA Waste Code: 291 - Latex waste
Disposal Method: H01 - Transfer Station
Tons: 0.05

G N S TRUCK & TRAILER REPAIR (Continued) **S112907103**

Additional Info:

Year:	2000
Gen EPA ID:	CAC002248649
Shipment Date:	20000519
Creation Date:	8/2/2000 0:00:00
Receipt Date:	20000524
Manifest ID:	99671287
Trans EPA ID:	CAR000065599
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

San Bern. Co. Permit:

Name:	J.A.C.K. DIESEL REPAIR, INC
Address:	450 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0015467
Owner:	Chris Carney
Permit Number:	PT0033933
Permit Category:	LARGE QUANTITY GENERATOR
Facility Status:	ACTIVE
Expiration Date:	05/31/2022

Name:	J.A.C.K. DIESEL REPAIR, INC
Address:	450 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0015467
Owner:	Chris Carney
Permit Number:	PT0033934
Permit Category:	APSA 1,320-10,000 GAL FAC CAPACITY
Facility Status:	ACTIVE
Expiration Date:	05/31/2022

Name:	J.A.C.K. DIESEL REPAIR, INC
Address:	450 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0015467

G N S TRUCK & TRAILER REPAIR (Continued) **S112907103**

Owner: Chris Carney
Permit Number: PT0033932
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: APPLIED LIFE DIESEL DIVISION
Address: 450 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0003483
Owner: HORNSBY, GARY D.
Permit Number: PT0006894
Permit Category: LARGE QUANTITY GENERATOR
Facility Status: INACTIVE
Expiration Date: 10/31/2013

Name: APPLIED LIFE DIESEL DIVISION
Address: 450 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0003483
Owner: HORNSBY, GARY D.
Permit Number: PT0006893
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: INACTIVE
Expiration Date: 10/31/2013

CERS:
Name: J.A.C.K. DIESEL REPAIR, INC
Address: 450 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 39039
CERS ID: 10502755
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 39039
Site Name: J.A.C.K. Diesel Repair, Inc
Violation Date: 10-23-2017
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: Returned to compliance on 01/03/2018.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 39039
Site Name: J.A.C.K. Diesel Repair, Inc
Violation Date: 09-08-2020
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.

G N S TRUCK & TRAILER REPAIR (Continued) **S112907103**

Violation Notes:	Returned to compliance on 09/24/2020. OBSERVATION: Observed that the last review and certification of the SPCC Plan was on 06/03/2014. CORRECTIVE ACTION: Review and certify the SPCC Plan and submit a signed statement indicating that the 5-year review has been performed, documented and SPCC plan amended if necessary.
Violation Division:	San Bernardino County Fire Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	39039
Site Name:	J.A.C.K. Diesel Repair, Inc
Violation Date:	09-08-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with one or more of the following requirements: 1. Have record of inspections and tests, including integrity tests, signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and tests, including integrity tests, for at least three years. 3. Keep comparison records.
Violation Notes:	Returned to compliance on 09/24/2020. OBSERVATION: Per SPCC Plan and per operator, facility conducts monthly inspection of AST, but records were not available for review CORRECTIVE ACTION: Submit most recent copy of tank inspection log or submit a signed statement indicating that monthly visual inspections of the new and used oil ASTs are being conducted and documented as described in the SPCC plan.
Violation Division:	San Bernardino County Fire Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	39039
Site Name:	J.A.C.K. Diesel Repair, Inc
Violation Date:	09-08-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/01/2020. OBSERVATION: Observed that the reported maximum daily amount for inventory items, Axle Oil and Trans Oil is less than the size of the largest container. CORRECTIVE ACTION: Update the inventory for Axle Oil and Trans Oil so that max daily amount reported is at least the size of the largest container and resubmit inventory via CERS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	39039
Site Name:	J.A.C.K. Diesel Repair, Inc
Violation Date:	05-14-2014
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 06/12/2014. COMPLIANCE DOCUMENTATION WAS RECEIVED ON 6/12/2014.
Violation Division:	San Bernardino County Fire Department

G N S TRUCK & TRAILER REPAIR (Continued) **S112907103**

Violation Program:	HW
Violation Source:	CERS
Site ID:	39039
Site Name:	J.A.C.K. Diesel Repair, Inc
Violation Date:	09-08-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 10/01/2020. OBSERVATION: The Hazardous Materials Business Plan (HMBP) was last reviewed and certified via CERS on 02/20/2019. CORRECTIVE ACTION: Review and certify the business plan annually via CERS. Your CERS ID number is 10502755.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	39039
Site Name:	J.A.C.K. Diesel Repair, Inc
Violation Date:	05-14-2014
Citation:	HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description:	Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Returned to compliance on 05/23/2014. BP ESTABLISHED ON "CERS" SITE. CB
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	39039
Site Name:	J.A.C.K. Diesel Repair, Inc
Violation Date:	05-14-2014
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 07/10/2014. Failure to obtain a CUPA Hazardous Waste Generator Permit (SBCC 23.0602(b)(1)) PERMIT FEES PAID. CB
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	39039
Site Name:	J.A.C.K. Diesel Repair, Inc
Violation Date:	05-14-2014
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 06/12/2014. Failure to inspect Hazardous Waste tank (CCR 66265.195) COMPLIANCE DOCUMENTATION WAS RECEIVED ON 6/12/2014.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW

G N S TRUCK & TRAILER REPAIR (Continued) **S112907103**

Violation Source: CERS

Site ID: 39039
Site Name: J.A.C.K. Diesel Repair, Inc
Violation Date: 09-08-2020
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to conduct spill prevention briefing for oil-handling personnel at least once a year to assure adequate understanding of the SPCC Plan.
Violation Notes: Returned to compliance on 09/24/2020. OBSERVATION: Written documentation of annual SPCC Plan briefings was not available for review. CORRECTIVE ACTION: Conduct annual briefings for personnel responsible for implementing SPCC plan in the case of a spill or release. Submit a signed statement indicating that annual plan briefings have been and will continue to be conducted.
Violation Division: San Bernardino County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 39039
Site Name: J.A.C.K. Diesel Repair, Inc
Violation Date: 05-14-2014
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/10/2014. Failure to obtain a CUPA Hazardous Materials Handler permit (SBCC 23.0602(a)) PERMIT FEES PAID. CB
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 39039
Site Name: J.A.C.K. Diesel Repair, Inc
Violation Date: 05-14-2014
Citation: HSC 6.95 25503.5(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25503.5(a)
Violation Description: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 05/23/2014. BP ESTABLISHED ON "CERS" SITE. CB
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 39039
Site Name: J.A.C.K. Diesel Repair, Inc
Violation Date: 09-08-2020
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: Returned to compliance on 09/24/2020. OBSERVATION: Daily inspections of the used oil tank system have not been conducted and documented.

G N S TRUCK & TRAILER REPAIR (Continued) **S112907103**

CORRECTIVE ACTION: Conduct daily tank inspections of the used oil tank and submit one week of daily inspection logs to this Division.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 39039
Site Name: J.A.C.K. Diesel Repair, Inc
Violation Date: 05-14-2014
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Training - General
Violation Notes: Returned to compliance on 06/12/2014. Failure to train facility personnel in hazardous waste management procedures (CCR 66265.16) COMPLIANCE DOCUMENTATION WAS RECEIVED ON 6/12/2014.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 39039
Site Name: J.A.C.K. Diesel Repair, Inc
Violation Date: 05-14-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 05/23/2014. Failure to establish a Contingency Plan (CCR 66265.51(a)) BP ESTABLISHED ON "CERS" SITE. CB
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 39039
Site Name: J.A.C.K. Diesel Repair, Inc
Violation Date: 09-08-2020
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 09/24/2020. OBSERVATION: Per Mr. Topps, employee training is provided but written documentation was not available for review. CORRECTIVE ACTION: Submit a signed statement indicating that employee training will be conducted and that a yearly refresher will be provided.
Violation Division: San Bernardino County Fire Department
Violation Program: HW

G N S TRUCK & TRAILER REPAIR (Continued) **S112907103**

Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: NEW FACILITY INSPECTION J.A.C.K. DIESEL REPAIR, INC.
Eval Division: San Bernardino County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NEW FACILITY INSPECTION J.A.C.K. DIESEL REPAIR, INC.
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

G N S TRUCK & TRAILER REPAIR (Continued) **S112907103**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NEW FACILITY INSPECTION J.A.C.K. DIESEL REPAIR, INC.
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: APSA
Eval Source: CERS

Enforcement Action:
Site ID: 39039
Site Name: J.A.C.K. Diesel Repair, Inc
Site Address: 450 W VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 05-14-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 39039
Site Name: J.A.C.K. Diesel Repair, Inc
Site Address: 450 W VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 05-14-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:
Site ID: 39039

G N S TRUCK & TRAILER REPAIR (Continued) **S112907103**

Facility Name: J.A.C.K. Diesel Repair, Inc
Env Int Type Code: HWG
Program ID: 10502755
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.070550
Longitude: -117.377860

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Chris Carney
Entity Title: Not reported
Affiliation Address: 3119 Ranier St
Affiliation City: Corona
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92881
Affiliation Phone: (909) 202-0901

Affiliation Type Desc: Operator
Entity Name: J.A.C.K. Diesel Repair, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (909) 875-5225

Affiliation Type Desc: Environmental Contact
Entity Name: Chris Carney
Entity Title: Not reported
Affiliation Address: 450 W Valley Blvd
Affiliation City: Rialto
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92376
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 450 W Valley Blvd
Affiliation City: Rialto
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92376
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Chris Carney
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

G N S TRUCK & TRAILER REPAIR (Continued) **S112907103**

Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401

Affiliation Type Desc: Document Preparer
Entity Name: Chris Carney
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: J.A.C.K. Diesel Repair, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: J.A.C.K.K. Investments LLC
Entity Title: Not reported
Affiliation Address: 450 W Valley Blvd
Affiliation City: Rialto
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92376
Affiliation Phone: (909) 875-5225

HWTS:
Name: G N S TRUCK & TRAILER REPAIR
Address: 450 W VALLEY
Address 2: Not reported
City,State,Zip: RIALTO, CA 923760000
EPA ID: CAC002248649
Inactive Date: 06/11/2001
Create Date: 05/12/2000
Last Act Date: 06/11/2001
Mailing Name: Not reported
Mailing Address: 450 W VALLEY
Mailing Address 2: Not reported
Mailing City,State,Zip: RIALTO, CA 923760000
Owner Name: GARY FULLER

G N S TRUCK & TRAILER REPAIR (Continued) **S112907103**

Owner Address:	450 W VALLEY
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 923760000
Contact Name:	GARY FULLER-MGR
Contact Address:	450 W VALLEY
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000

J62 **J.A.C.K DIESEL REPAIR INC** **CA HAZNET** **S102041401**
WNW **450 W VALLEY BLVD** **CA San Bern. Co. Permit** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA HWTS**
0.171 mi.
904 ft. **Site 3 of 12 in cluster J**

Relative:
Higher

Actual:
1080 ft.

HAZNET:

Name:	J.A.C.K DIESEL REPAIR INC
Address:	450 W VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Contact:	CHRIS CARNEY
Telephone:	9098755225
Mailing Name:	Not reported
Mailing Address:	450 W VALLEY BLVD
Year:	2016
Gepaid:	CAL000395702
TSD EPA ID:	CAD099452708
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	3.534
Year:	2016
Gepaid:	CAL000395702
TSD EPA ID:	CAD099452708
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.84

San Bern. Co. Permit:

Name:	PRECISION TURBOCHARGER CO.
Address:	450 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0008421
Owner:	TURNIDGE, RICHARD DAVID
Permit Number:	PT0014698
Permit Category:	CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Facility Status:	INACTIVE
Expiration Date:	10/31/2004

HWTS:

Name:	J.A.C.K DIESEL REPAIR INC
Address:	450 W VALLEY BLVD

J.A.C.K DIESEL REPAIR INC (Continued) **S102041401**

Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
EPA ID:	CAL000395702
Inactive Date:	Not reported
Create Date:	04/10/2014
Last Act Date:	08/27/2020
Mailing Name:	Not reported
Mailing Address:	450 W VALLEY BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 923760000
Owner Name:	CHRIS CARNEY
Owner Address:	450 W VALLEY BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 923760000
Contact Name:	CHRIS CARNEY
Contact Address:	450 W VALLEY BLVD
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376

NAICS:

EPA ID:	CAL000395702
Create Date:	2014-04-10 11:47:03.670
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2014-04-10 11:47:03.66700
Inactive Date:	Not reported
Facility Name:	J.A.C.K DIESEL REPAIR INC
Facility Address:	450 W VALLEY BLVD
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92376

J63 **J.A.C.K. DIESEL REPAIR, INC** **CA AST** **A100421076**
WNW **450 W VALLEY BLVD** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.171 mi.
904 ft. **Site 4 of 12 in cluster J**

Relative:
Higher

Actual:
1080 ft.

AST:

Name:	J.A.C.K. DIESEL REPAIR, INC
Address:	450 W VALLEY BLVD
City/Zip:	RIALTO,92376
Certified Unified Program Agencies:	Not reported
Owner:	Chris Carney
Total Gallons:	Not reported
CERSID:	10502755
Facility ID:	FA0015467
Business Name:	J.A.C.K. Diesel Repair, Inc
Phone:	(909)875-5225
Fax:	(909)875-5223
Mailing Address:	450 W Valley Blvd
Mailing Address City:	Rialto
Mailing Address State:	CA
Mailing Address Zip Code:	92376
Operator Name:	J.A.C.K. Diesel Repair, Inc.

J.A.C.K. DIESEL REPAIR, INC (Continued) **A100421076**

Operator Phone:	(909)875-5225
Owner Phone:	(909)202-0901
Owner Mail Address:	3119 Ranier St
Owner State:	CA
Owner Zip Code:	92881
Owner Country:	United States
Property Owner Name:	J.A.C.K.K. Investments LLC
Property Owner Phone:	(909)875-5225
Property Owner Mailing Address:	450 W Valley Blvd
Property Owner City:	Rialto
Property Owner Stat :	CA
Property Owner Zip Code:	92376
Property Owner Country:	United States
EPAID:	CAL000395702

J64 **STEEL UNLIMITED INC** **RCRA NonGen / NLR** **1024862904**
WNW **452 W VALLEY BLVD** **CAL000431438**
1/8-1/4 **RIALTO, CA 92376**
0.173 mi.
913 ft. **Site 5 of 12 in cluster J**

Relative: **Higher**

Actual: **1080 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20171012
Handler Name:	STEEL UNLIMITED INC	
Handler Address:		452 W VALLEY BLVD
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAL000431438
Contact Name:		MIKE JOHNSTON MANAGER
Contact Address:		452 W VALLEY BLVD
Contact City,State,Zip:		RIALTO, CA 92376
Contact Telephone:		909-873-1222
Contact Fax:		909-873-1223
Contact Email:		MJOHNSTON@STEELUNLIMITED.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3200 MYERS ST
Mailing City,State,Zip:		RIVERSIDE, CA 92503
Owner Name:		STEEL UNLIMITED INC
Owner Type:		Other
Operator Name:		MIKE JOHNSTON MANAGER
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No

STEEL UNLIMITED INC (Continued) **1024862904**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE JOHNSTON MANAGER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	452 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	909-873-1222

STEEL UNLIMITED INC (Continued) **1024862904**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: STEEL UNLIMITED INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 452 W VALLEY BLVD
Owner/Operator City,State,Zip: RIALTO, CA 92376
Owner/Operator Telephone: 909-873-1222
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20171012
Handler Name: STEEL UNLIMITED INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J65 **STEEL UNLIMITED INC** **CA CERS HAZ WASTE** **S107143349**
WNW **452 W VALLEY BLVD** **CA HAZNET** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA NPDES**
0.173 mi. **CA San Bern. Co. Permit**
913 ft. **Site 6 of 12 in cluster J** **CA CIWQS**
CA CERS
Relative: Higher **CA HWTS**

Actual: 1080 ft.

CERS HAZ WASTE:
Name: STEEL UNLIMITED, INC.
Address: 452 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 383075
CERS ID: 10698151
CERS Description: Hazardous Waste Generator

STEEL UNLIMITED INC (Continued) **S107143349**

HAZNET:

Name:	STEEL UNLIMITED INC
Address:	452 W VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Contact:	MIKE JOHNSTON
Telephone:	9098731222
Mailing Name:	Not reported
Mailing Address:	452 W VALLEY BLVD
Year:	2016
Gepaid:	CAC002863333
TSD EPA ID:	CAD982444481
CA Waste Code:	291 - Latex waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1668
Year:	2016
Gepaid:	CAC002863333
TSD EPA ID:	CAD982444481
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.38
Year:	2016
Gepaid:	CAC002863333
TSD EPA ID:	CAD982444481
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.735

NPDES:

Name:	STEEL UNLIMITED INC
Address:	452 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36I021983
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported

STEEL UNLIMITED INC (Continued) **S107143349**

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	12/30/2008
Operator Name:	Steel Unlimited Inc
Operator Address:	3200 Myers Street
Operator City:	Riverside
Operator State:	California
Operator Zip:	92503

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	359009
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36I021983
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	12/24/2008
Processed Date:	12/30/2008
Status:	Active
Status Date:	12/30/2008
Place Size:	4.47
Place Size Unit:	Acres
Contact:	Mike Johnston
Contact Title:	General Manager CFO
Contact Phone:	909-873-1222
Contact Phone Ext:	309
Contact Email:	mjohnston@steelunlimited.com
Operator Name:	Steel Unlimited Inc
Operator Address:	452 W Valley Blvd
Operator City:	Rialto
Operator State:	California
Operator Zip:	92376
Operator Contact:	Mike Johnston
Operator Contact Title:	General Manager CFO
Operator Contact Phone:	909-873-1222
Operator Contact Phone Ext:	309
Operator Contact Email:	mjohnston@steelunlimited.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported

STEEL UNLIMITED INC (Continued) **S107143349**

Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	909-873-1222
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Santa Ana River
Certifier:	Mike Johnston
Certifier Title:	General Manager CFO
Certification Date:	20-MAY-15
Primary Sic:	9999-Nonclassifiable Establishments
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	359009
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36I021983
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/30/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Steel Unlimited Inc
Discharge Address:	3200 Myers Street
Discharge City:	Riverside
Discharge State:	California
Discharge Zip:	92503
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported

STEEL UNLIMITED INC (Continued) **S107143349**

Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	STEEL UNLIMITED INC
Address:	452 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0

STEEL UNLIMITED INC (Continued) **S107143349**

Regulatory Measure ID:	359009
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 36I021983
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/30/2008
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	3200 Myers Street
Discharge Name:	Steel Unlimited Inc
Discharge City:	Riverside
Discharge State:	California
Discharge Zip:	92503
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	359009
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36I021983
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	12/24/2008
Processed Date:	12/30/2008
Status:	Active
Status Date:	12/30/2008
Place Size:	4.47
Place Size Unit:	Acres
Contact:	Mike Johnston
Contact Title:	General Manager CFO
Contact Phone:	909-873-1222
Contact Phone Ext:	309
Contact Email:	mjohnston@steelunlimited.com
Operator Name:	Steel Unlimited Inc
Operator Address:	452 W Valley Blvd
Operator City:	Rialto
Operator State:	California

STEEL UNLIMITED INC (Continued) **S107143349**

Operator Zip:	92376
Operator Contact:	Mike Johnston
Operator Contact Title:	General Manager CFO
Operator Contact Phone:	909-873-1222
Operator Contact Phone Ext:	309
Operator Contact Email:	mjohnston@steelunlimited.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	909-873-1222
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Santa Ana River
Certifier:	Mike Johnston
Certifier Title:	General Manager CFO
Certification Date:	20-MAY-15
Primary Sic:	9999-Nonclassifiable Establishments
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	359009
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36I021983
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/30/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Steel Unlimited Inc

STEEL UNLIMITED INC (Continued) **S107143349**

Discharge Address:	3200 Myers Street
Discharge City:	Riverside
Discharge State:	California
Discharge Zip:	92503
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported

STEEL UNLIMITED INC (Continued) **S107143349**

Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

San Bern. Co. Permit:
Name: STEEL UNLIMITED, INC.
Address: 452 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0016934
Owner: M. D. ENTERPRISES, LLC
Permit Number: PT0036221
Permit Category: HAZARDOUS MATERIALS 11-30 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 08/31/2022

Name: STEEL UNLIMITED, INC.
Address: 452 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0016934
Owner: M. D. ENTERPRISES, LLC
Permit Number: PT0036220
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: ACTIVE
Expiration Date: 08/31/2022

CIWQS:
Name: STEEL UNLIMITED INC
Address: 452 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Agency: Steel Unlimited Inc
Agency Address: 3200 Myers Street, Riverside, CA 92503
Place/Project Type: Industrial - Construction Machinery and Equipment
SIC/NAICS: 3531
Region: 8
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 36I021983
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 12/30/2008
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.07052
Longitude: -117.37742

STEEL UNLIMITED INC (Continued) **S107143349**

CERS:
Name: STEEL UNLIMITED, INC.
Address: 452 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 383075
CERS ID: 10698151
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 383075
Site Name: STEEL UNLIMITED, INC.
Violation Date: 07-18-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/13/2016. Failure to obtain a CUPA Hazardous Waste Generator Permit (SBCC 23.0602(b)(1))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 383075
Site Name: STEEL UNLIMITED, INC.
Violation Date: 07-18-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/21/2016. Failure to retain Hazardous Waste Manifests for at least 3 years (CCR 66262.40(a)) No hazardous waste manifests available for review.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 383075
Site Name: STEEL UNLIMITED, INC.
Violation Date: 10-21-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 11/07/2019. OBSERVATION: Observed (4) 55-gallon drums of used oil listed on the hazardous materials inventory via CERS in a lesser quantity. CORRECTIVE ACTION: Update the hazardous materials inventory via CERS by updating the max daily quantity of used oil to reflect the (4) 55-gallon drums observed on site. Also observed (2) 55-gallon drums of waste coolant not listed on the hazardous materials inventory. Submit the completed certificate of compliance indicating that the hazardous materials inventory has been updated.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

STEEL UNLIMITED INC (Continued) **S107143349**

Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	07-18-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 12/15/2016. Failure to establish a Contingency Plan (CCR 66265.51(a)) Facility did not establish a Contingency Plan.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	10-21-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/21/2019. OBSERVATION: Observed (1) 55-gallon drum of used oil missing hazardous waste labels. CORRECTED ON SITE: Mr. Kevin Davis placed complete hazardous waste labels on each drum at the time of inspection.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	07-18-2016
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 12/13/2016. Failure to obtain a CUPA Hazardous Materials Handler permit (SBCC 23.0602(a)) CUPA Hazardous Materials Handler permit not obtained.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	10-21-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 11/07/2019. OBSERVATION: The business plan was last submitted via CERS on 12/15/2016. CERS ID#10698151. CORRECTIVE ACTION: Review and certify the facility's business plan and resubmit via CERS. Submit the completed certificate of compliance indicating that the business plan has been resubmitted.

STEEL UNLIMITED INC (Continued) **S107143349**

Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 383075
Site Name: STEEL UNLIMITED, INC.
Violation Date: 07-18-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 12/15/2016. Facility did not submit a Business Plan to CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 383075
Site Name: STEEL UNLIMITED, INC.
Violation Date: 07-18-2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 12/15/2016. Facility did not establish a Business Plan with this Division.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE GENERATOR INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2011
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: See attached Inspection Report
Eval Division: Water Boards

STEEL UNLIMITED INC (Continued) **S107143349**

Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 383075
Site Name: STEEL UNLIMITED, INC.
Site Address: 452 W VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 07-18-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 383075
Site Name: STEEL UNLIMITED, INC.
Site Address: 452 W VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 07-18-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Mike Johnston
Entity Title: General Manager/CFO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

STEEL UNLIMITED INC (Continued) **S107143349**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Steel Unlimited, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (909) 873-1222

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 452 West Valley Boulevard
Affiliation City: Rialto
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92376
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: JE Compliance Services
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Mike Johnston
Entity Title: Not reported
Affiliation Address: 452 West Valley Boulevard
Affiliation City: Rialto
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92376
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Steel Unlimited, Inc.
Entity Title: Not reported
Affiliation Address: 3200 Myers Street

STEEL UNLIMITED INC (Continued) **S107143349**

Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92503
Affiliation Phone:	(909) 873-1222
Affiliation Type Desc:	Owner/Operator
Entity Name:	Steel Unlimited Inc
Entity Title:	Operator
Affiliation Address:	3200 Myers Street
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Steel Unlimited, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Steel Unlimited, Inc.
Entity Title:	Not reported
Affiliation Address:	452 W VALLEY BLVD
Affiliation City:	RIALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92376
Affiliation Phone:	(909) 873-1222

Name:	STEEL UNLIMITED, INC.
Address:	452 W VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	383075
CERS ID:	731070
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	07-18-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 12/13/2016. Failure to obtain a CUPA Hazardous Waste Generator Permit (SBCC 23.0602(b)(1))
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS

STEEL UNLIMITED INC (Continued) **S107143349**

Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	07-18-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 07/21/2016. Failure to retain Hazardous Waste Manifests for at least 3 years (CCR 66262.40(a)) No hazardous waste manifests available for review.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	10-21-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 11/07/2019. OBSERVATION: Observed (4) 55-gallon drums of used oil listed on the hazardous materials inventory via CERS in a lesser quantity. CORRECTIVE ACTION: Update the hazardous materials inventory via CERS by updating the max daily quantity of used oil to reflect the (4) 55-gallon drums observed on site. Also observed (2) 55-gallon drums of waste coolant not listed on the hazardous materials inventory. Submit the completed certificate of compliance indicating that the hazardous materials inventory has been updated.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	07-18-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 12/15/2016. Failure to establish a Contingency Plan (CCR 66265.51(a)) Facility did not establish a Contingency Plan.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	10-21-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation

STEEL UNLIMITED INC (Continued) **S107143349**

	date.
Violation Notes:	Returned to compliance on 10/21/2019. OBSERVATION: Observed (1) 55-gallon drum of used oil missing hazardous waste labels. CORRECTED ON SITE: Mr. Kevin Davis placed complete hazardous waste labels on each drum at the time of inspection.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	07-18-2016
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 12/13/2016. Failure to obtain a CUPA Hazardous Materials Handler permit (SBCC 23.0602(a)) CUPA Hazardous Materials Handler permit not obtained.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	10-21-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 11/07/2019. OBSERVATION: The business plan was last submitted via CERS on 12/15/2016. CERS ID#10698151. CORRECTIVE ACTION: Review and certify the facility's business plan and resubmit via CERS. Submit the completed certificate of compliance indicating that the business plan has been resubmitted.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	07-18-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 12/15/2016. Facility did not submit a Business Plan to CERS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Violation Date:	07-18-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95,

STEEL UNLIMITED INC (Continued) **S107143349**

	Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 12/15/2016. Facility did not establish a Business Plan with this Division.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-18-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ROUTINE GENERATOR INSPECTION
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-21-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-15-2011
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	See attached Inspection Report
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-18-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ROUTINE HANDLER INSPECTION
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-21-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

STEEL UNLIMITED INC (Continued) **S107143349**

Enforcement Action:

Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Site Address:	452 W VALLEY BLVD
Site City:	RIALTO
Site Zip:	92376
Enf Action Date:	07-18-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Site ID:	383075
Site Name:	STEEL UNLIMITED, INC.
Site Address:	452 W VALLEY BLVD
Site City:	RIALTO
Site Zip:	92376
Enf Action Date:	07-18-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	HW
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Mike Johnston
Entity Title:	General Manager/CFO
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Steel Unlimited, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 873-1222

Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153

STEEL UNLIMITED INC (Continued) **S107143349**

Affiliation Phone:	(909) 386-8401
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	452 West Valley Boulevard
Affiliation City:	Rialto
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92376
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	JE Compliance Services
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Mike Johnston
Entity Title:	Not reported
Affiliation Address:	452 West Valley Boulevard
Affiliation City:	Rialto
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92376
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Steel Unlimited, Inc.
Entity Title:	Not reported
Affiliation Address:	3200 Myers Street
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92503
Affiliation Phone:	(909) 873-1222
Affiliation Type Desc:	Owner/Operator
Entity Name:	Steel Unlimited Inc
Entity Title:	Operator
Affiliation Address:	3200 Myers Street
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Steel Unlimited, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

STEEL UNLIMITED INC (Continued) **S107143349**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Steel Unlimited, Inc.
Entity Title: Not reported
Affiliation Address: 452 W VALLEY BLVD
Affiliation City: RIALTO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92376
Affiliation Phone: (909) 873-1222

HWTS:
Name: STEEL UNLIMITED, INC.
Address: 452 W VALLEY BLVD
Address 2: Not reported
City,State,Zip: RIALTO, CA 92376
EPA ID: CAC002960304
Inactive Date: 08/03/2018
Create Date: 05/03/2018
Last Act Date: 10/08/2019
Mailing Name: Not reported
Mailing Address: 452 W VALLEY BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: RIALTO, CA 92376
Owner Name: STEEL UNLIMITED, INC.
Owner Address: 452 W VALLEY BLVD
Owner Address 2: Not reported
Owner City,State,Zip: RIALTO, CA 92376
Contact Name: MIKE JOHNSTON
Contact Address: 452 W VALLEY BLVD
Contact Address 2: Not reported
City,State,Zip: RIALTO, CA 92376

Name: STEEL UNLIMITED INC
Address: 452 W VALLEY BLVD
Address 2: Not reported
City,State,Zip: RIALTO, CA 92376
EPA ID: CAL000431438
Inactive Date: Not reported
Create Date: 10/12/2017
Last Act Date: 09/29/2020
Mailing Name: Not reported
Mailing Address: 3200 MYERS ST
Mailing Address 2: Not reported
Mailing City,State,Zip: RIVERSIDE, CA 92503
Owner Name: STEEL UNLIMITED INC
Owner Address: 452 W VALLEY BLVD
Owner Address 2: Not reported
Owner City,State,Zip: RIALTO, CA 92376
Contact Name: MIKE JOHNSTON
Contact Address: 452 W VALLEY BLVD
Contact Address 2: Not reported

STEEL UNLIMITED INC (Continued) **S107143349**

City,State,Zip: RIALTO, CA 92376

NAICS:

EPA ID: CAL000431438
Create Date: 2017-10-12 09:54:59.423
NAICS Code: 99999
NAICS Description: Not Otherwise Specified
Issued EPA ID Date: 2017-10-12 09:54:59.40300
Inactive Date: Not reported
Facility Name: STEEL UNLIMITED INC
Facility Address: 452 W VALLEY BLVD
Facility Address 2: Not reported
Facility City: RIALTO
Facility County: Not reported
Facility State: CA
Facility Zip: 92376

Name: STEEL UNLIMITED INC
Address: 452 W VALLEY BLVD
Address 2: Not reported
City,State,Zip: RIALTO, CA 92376
EPA ID: CAC002863333
Inactive Date: 09/02/2016
Create Date: 06/02/2016
Last Act Date: 09/02/2016
Mailing Name: Not reported
Mailing Address: 452 W VALLEY BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: RIALTO, CA 92376
Owner Name: STEEL UNLIMITED INC
Owner Address: 452 W VALLEY BLVD
Owner Address 2: Not reported
Owner City,State,Zip: RIALTO, CA 92376
Contact Name: MIKE JOHNSTON
Contact Address: 452 W VALLEY BLVD
Contact Address 2: Not reported
City,State,Zip: RIALTO, CA 92376

J66 **STEEL UNLIMITED INC** **RCRA-LQG** **1012175909**
WNW **452 W VALLEY BLVD** **CA HAZNET** **CAR000197202**
1/8-1/4 **RIALTO, CA 92376** **CA HWTS**
0.173 mi.
913 ft. **Site 7 of 12 in cluster J**

Relative: **Higher**

Actual: **1080 ft.**

RCRA-LQG:

Date Form Received by Agency: 20081208
Handler Name: STEEL UNLIMITED INC
Handler Address: 452 W VALLEY BLVD
Handler City,State,Zip: RIALTO, CA 92376
EPA ID: CAR000197202
Contact Name: MIKE JOHNSTON
Contact Address: 452 W VALLEY BLVD
Contact City,State,Zip: RIALTO, CA 92376
Contact Telephone: 909-873-1222
Contact Fax: Not reported
Contact Email: MJOHNSTON@STEELUNLIMITED.COM
Contact Title: Not reported

STEEL UNLIMITED INC (Continued) **1012175909**

EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	452 W VALLEY BLVD
Mailing City,State,Zip:	RIALTO, CA 92376
Owner Name:	MD ENTERPRISES
Owner Type:	Private
Operator Name:	STEEL UNLIMITED INC SUI MANUFACTURING IN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

STEEL UNLIMITED INC (Continued) **1012175909**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20081216
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MD ENTERPRISES
Legal Status:	Private
Date Became Current:	20010221
Date Ended Current:	Not reported
Owner/Operator Address:	452 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEEL UNLIMITED INC SUI MANUFACTURING IN
Legal Status:	Private

STEEL UNLIMITED INC (Continued) **1012175909**

Date Became Current:	19980701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20081208
Handler Name: STEEL UNLIMITED INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	33121
NAICS Description:	IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

HAZNET:

Name:	STEEL UNLIMITED INC
Address:	452 W VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
Contact:	MIKE JOHNSTON
Telephone:	9098731222
Mailing Name:	Not reported
Mailing Address:	452 W VALLEY BLVD
Year:	2015
Gepaid:	CAR000197202
TSD EPA ID:	CAD982444481
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.84
Year:	2015
Gepaid:	CAR000197202

STEEL UNLIMITED INC (Continued) **1012175909**

TSD EPA ID: CAD982444481
CA Waste Code: 291 - Latex waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.68885

Year: 2015
Gepaid: CAR000197202
TSD EPA ID: CAD982444481
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.38

Year: 2014
Gepaid: CAR000197202
TSD EPA ID: CAD044429835
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2805

Year: 2014
Gepaid: CAR000197202
TSD EPA ID: CAD982444481
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.63

Year: 2014
Gepaid: CAR000197202
TSD EPA ID: CAD982444481
CA Waste Code: 291 - Latex waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2.085

Year: 2014
Gepaid: CAR000197202
TSD EPA ID: CAD982444481
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.19

Year: 2013
Gepaid: CAR000197202
TSD EPA ID: CAD982444481
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.252

Year: 2013

STEEL UNLIMITED INC (Continued) **1012175909**

Gepaid: CAR000197202
TSD EPA ID: CAD982444481
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.19

Year: 2013
Gepaid: CAR000197202
TSD EPA ID: CAD982444481
CA Waste Code: 291 - Latex waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.31355

Click this hyperlink while viewing on your computer to access
18 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2014
Gen EPA ID: CAR000197202

Shipment Date: 20140815
Creation Date: 10/22/2014 22:15:04
Receipt Date: 20140818
Manifest ID: 012428386JJK
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.165
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140731
Creation Date: 9/30/2014 22:15:08
Receipt Date: 20140804
Manifest ID: 012428425JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481

STEEL UNLIMITED INC (Continued) **1012175909**

Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.668
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140731
Creation Date:	10/22/2014 22:15:11
Receipt Date:	20140814
Manifest ID:	012428427JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1155
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140311
Creation Date:	4/30/2014 22:15:09
Receipt Date:	20140312
Manifest ID:	011735201JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

STEEL UNLIMITED INC (Continued) **1012175909**

Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140311
Creation Date:	4/30/2014 22:15:09
Receipt Date:	20140312
Manifest ID:	011735201JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140311
Creation Date:	4/30/2014 22:15:09
Receipt Date:	20140312
Manifest ID:	011735201JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

STEEL UNLIMITED INC (Continued) **1012175909**

Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAR000197202

Shipment Date: 20100722
Creation Date: 9/30/2010 18:30:32
Receipt Date: 20100722
Manifest ID: 006645194JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100722
Creation Date: 9/30/2010 18:30:32
Receipt Date: 20100722
Manifest ID: 007023572JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2085
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100722

STEEL UNLIMITED INC (Continued) **1012175909**

Creation Date:	12/16/2010 18:30:33
Receipt Date:	20100730
Manifest ID:	007023573JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0825
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100722
Creation Date:	9/30/2010 18:30:32
Receipt Date:	20100722
Manifest ID:	007023572JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100722
Creation Date:	9/30/2010 18:30:32
Receipt Date:	20100722
Manifest ID:	007023572JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

STEEL UNLIMITED INC (Continued) **1012175909**

TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100722
Creation Date:	9/30/2010 18:30:32
Receipt Date:	20100722
Manifest ID:	007023572JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAR000197202
Shipment Date:	20121205
Creation Date:	2/9/2013 22:15:14
Receipt Date:	20121205
Manifest ID:	010615619JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported

STEEL UNLIMITED INC (Continued) **1012175909**

TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121107
Creation Date:	2/15/2013 22:15:11
Receipt Date:	20121108
Manifest ID:	010615682JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.133
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121107
Creation Date:	2/15/2013 22:15:11
Receipt Date:	20121108
Manifest ID:	010615682JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G

STEEL UNLIMITED INC (Continued) **1012175909**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120813
Creation Date:	9/28/2012 22:15:13
Receipt Date:	20120813
Manifest ID:	010387830JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120813
Creation Date:	9/28/2012 22:15:13
Receipt Date:	20120813
Manifest ID:	010387830JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120813

STEEL UNLIMITED INC (Continued) **1012175909**

Creation Date:	9/28/2012 22:15:13
Receipt Date:	20120813
Manifest ID:	010387830JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120813
Creation Date:	9/28/2012 22:15:13
Receipt Date:	20120813
Manifest ID:	010387830JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000197202

Shipment Date:	20111109
Creation Date:	1/20/2012 20:31:14
Receipt Date:	20111110
Manifest ID:	009217833JJK

STEEL UNLIMITED INC (Continued) **1012175909**

Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111109
Creation Date:	1/20/2012 20:31:14
Receipt Date:	20111110
Manifest ID:	009217833JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.171
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110805
Creation Date:	10/19/2011 18:30:39
Receipt Date:	20110808
Manifest ID:	008894927JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported

STEEL UNLIMITED INC (Continued) **1012175909**

TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110805
Creation Date:	10/19/2011 18:30:39
Receipt Date:	20110808
Manifest ID:	008894927JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110805
Creation Date:	10/19/2011 18:30:39
Receipt Date:	20110808
Manifest ID:	008894927JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.132
Waste Quantity:	40

STEEL UNLIMITED INC (Continued) **1012175909**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110405
Creation Date:	5/31/2011 18:30:11
Receipt Date:	20110406
Manifest ID:	008408634JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110118
Creation Date:	3/30/2011 18:30:08
Receipt Date:	20110119
Manifest ID:	007385707JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

STEEL UNLIMITED INC (Continued) **1012175909**

Shipment Date:	20110118
Creation Date:	5/5/2011 18:30:20
Receipt Date:	20110128
Manifest ID:	007385706JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.066
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110118
Creation Date:	3/30/2011 18:30:08
Receipt Date:	20110119
Manifest ID:	007385707JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.114
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAR000197202

Shipment Date:	20090505
Creation Date:	6/16/2009 18:30:30
Receipt Date:	20090505

STEEL UNLIMITED INC (Continued) **1012175909**

Manifest ID:	005428456JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090505
Creation Date:	6/4/2009 18:30:08
Receipt Date:	20090506
Manifest ID:	005428457JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01251
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090505
Creation Date:	6/4/2009 18:30:08
Receipt Date:	20090506
Manifest ID:	005428457JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON

STEEL UNLIMITED INC (Continued) **1012175909**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.07923
Waste Quantity:	19
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090505
Creation Date:	6/16/2009 18:30:30
Receipt Date:	20090505
Manifest ID:	005428456JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H129 - Other Treatment
Quantity Tons:	0.0726
Waste Quantity:	22
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAR000197202
Shipment Date:	20130805
Creation Date:	9/20/2013 22:15:23
Receipt Date:	20130805
Manifest ID:	011447891JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

STEEL UNLIMITED INC (Continued) **1012175909**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130805
Creation Date:	9/20/2013 22:15:23
Receipt Date:	20130805
Manifest ID:	011447891JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130805
Creation Date:	9/20/2013 22:15:23
Receipt Date:	20130805
Manifest ID:	011447891JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

STEEL UNLIMITED INC (Continued) **1012175909**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130211
Creation Date:	3/19/2013 22:15:10
Receipt Date:	20130211
Manifest ID:	011134032JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130211
Creation Date:	3/19/2013 22:15:10
Receipt Date:	20130211
Manifest ID:	011134032JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAR000197202

STEEL UNLIMITED INC (Continued) **1012175909**

Shipment Date:	20150629
Creation Date:	9/22/2015 22:15:56
Receipt Date:	20150701
Manifest ID:	014581188JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150629
Creation Date:	9/22/2015 22:15:56
Receipt Date:	20150701
Manifest ID:	014581188JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150629
Creation Date:	9/22/2015 22:15:56
Receipt Date:	20150701
Manifest ID:	014581188JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported

STEEL UNLIMITED INC (Continued) **1012175909**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150120
Creation Date:	3/20/2015 22:14:55
Receipt Date:	20150121
Manifest ID:	013864238JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150120
Creation Date:	3/20/2015 22:14:55
Receipt Date:	20150121
Manifest ID:	013864238JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

STEEL UNLIMITED INC (Continued) **1012175909**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150120
Creation Date:	3/20/2015 22:14:55
Receipt Date:	20150121
Manifest ID:	013864238JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	STEEL UNLIMITED INC
Address:	452 W VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
EPA ID:	CAR000197202
Inactive Date:	06/30/2015
Create Date:	02/02/2009
Last Act Date:	11/22/2016
Mailing Name:	Not reported
Mailing Address:	3200 MYERS STREET
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIVERSIDE, CA 925000000
Owner Name:	STEEL UNLIMITED INC
Owner Address:	452 W VALLEY BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 923760000
Contact Name:	MIKE JOHNSTON
Contact Address:	3200 MYERS STREET
Contact Address 2:	Not reported
City,State,Zip:	RIVERSIDE, CA 925030000

STEEL UNLIMITED INC (Continued) **1012175909**

NAICS:

EPA ID:	CAR000197202
Create Date:	2011-10-26 15:19:37.000
NAICS Code:	42151
NAICS Description:	Metal Service Centers and Offices
Issued EPA ID Date:	2009-02-02 08:53:06
Inactive Date:	2015-06-30 00:00:00
Facility Name:	STEEL UNLIMITED INC
Facility Address:	452 W VALLEY BLVD
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	923760000

K67 **JUST GAS INC** **CA SWEEPS UST** **S101590968**
ENE **102 E VALLEY BLVD** **CA FID UST** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.196 mi.
1033 ft. **Site 1 of 7 in cluster K**

Relative:
Higher

Actual:
1069 ft.

SWEEPS UST:

Name:	JUST GAS INC
Address:	102 E VALLEY BLVD
City:	RIALTO
Status:	Not reported
Comp Number:	51115
Number:	Not reported
Board Of Equalization:	44-021150
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-051115-000001
Tank Status:	Not reported
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	6

Name:	JUST GAS INC
Address:	102 E VALLEY BLVD
City:	RIALTO
Status:	Not reported
Comp Number:	51115
Number:	Not reported
Board Of Equalization:	44-021150
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-051115-000002
Tank Status:	Not reported
Capacity:	280

JUST GAS INC (Continued) **S101590968**

Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Name: JUST GAS INC
Address: 102 E VALLEY BLVD
City: RIALTO
Status: Not reported
Comp Number: 51115
Number: Not reported
Board Of Equalization: 44-021150
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-051115-000003
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Name: JUST GAS INC
Address: 102 E VALLEY BLVD
City: RIALTO
Status: Not reported
Comp Number: 51115
Number: Not reported
Board Of Equalization: 44-021150
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-051115-000004
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Name: JUST GAS INC
Address: 102 E VALLEY BLVD
City: RIALTO
Status: Not reported
Comp Number: 51115
Number: Not reported
Board Of Equalization: 44-021150
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

JUST GAS INC (Continued) **S101590968**

SWRCB Tank Id: 36-000-051115-000005
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Name: JUST GAS INC
Address: 102 E VALLEY BLVD
City: RIALTO
Status: Not reported
Comp Number: 51115
Number: Not reported
Board Of Equalization: 44-021150
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-051115-000006
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 36000394
Regulated By: UTNKI
Regulated ID: 00051115
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 102 E VALLEY BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

K68 **RIALTO, CITY OF (TEXACO)** **CA LUST** **S111760398**
ENE **102 E VALLEY BLVD** **CA Cortese** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA CERS**
0.196 mi.
1033 ft. **Site 2 of 7 in cluster K**

Relative:
Higher

Actual:
1069 ft.

LUST:

Name:	RIALTO, CITY OF (TEXACO)
Address:	102 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Lead Agency:	SAN BERNARDINO COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100101
Global Id:	T0607100101
Latitude:	34.0705954
Longitude:	-117.3700098
Status:	Completed - Case Closed
Status Date:	08/25/1992
Case Worker:	Not reported
RB Case Number:	083600955T
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	91033
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0607100101
Contact Type:	Regional Board Caseworker
Contact Name:	VALERIE JAHN-BULL
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	valerie.jahn-bull@waterboards.ca.gov
Phone Number:	9517824903

LUST:

Global Id:	T0607100101
Action Type:	Other
Date:	04/29/1991
Action:	Leak Stopped

Global Id:	T0607100101
Action Type:	ENFORCEMENT
Date:	08/25/1992
Action:	Closure/No Further Action Letter

Global Id:	T0607100101
Action Type:	Other
Date:	04/29/1991
Action:	Leak Discovery

Global Id:	T0607100101
Action Type:	Other
Date:	01/29/1992
Action:	Leak Reported

RIALTO, CITY OF (TEXACO) (Continued) **S111760398**

LUST:

Global Id:	T0607100101
Status:	Open - Case Begin Date
Status Date:	04/29/1991
Global Id:	T0607100101
Status:	Open - Site Assessment
Status Date:	04/29/1991
Global Id:	T0607100101
Status:	Open - Site Assessment
Status Date:	01/28/1992
Global Id:	T0607100101
Status:	Completed - Case Closed
Status Date:	08/25/1992

CORTESE:

Name:	RIALTO, CITY OF (TEXACO)
Address:	102 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607100101
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	RIALTO, CITY OF (TEXACO)
Address:	102 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	255965
CERS ID:	T0607100101
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	VALERIE JAHN-BULL - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported

RIALTO, CITY OF (TEXACO) (Continued) **S111760398**

Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517824903

K69 **TEXACO** **CA HIST UST** **S118416008**
ENE **102 E VALLEY BLVD** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.196 mi.
1033 ft. **Site 3 of 7 in cluster K**

Relative: **Higher**
Actual: **1069 ft.**

HIST UST:

Name:	TEXACO
Address:	102 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
File Number:	0002A0B2
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A0B2.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

K70 **MIDAS OF RIALTO LLC** **CA CERS HAZ WASTE** **S124894858**
ENE **110 E VALLEY BLVD** **CA San Bern. Co. Permit** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA CERS**
0.196 mi. **CA HWTS**
1037 ft. **Site 4 of 7 in cluster K**

Relative: **Higher**
Actual: **1069 ft.**

CERS HAZ WASTE:

Name:	AMERICAN TIRE DEPOT #135 RIALTO 2
Address:	110 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	573371
CERS ID:	10867690
CERS Description:	Hazardous Waste Generator

MIDAS OF RIALTO LLC (Continued) **S124894858**

San Bern. Co. Permit:
Name: AMERICAN TIRE DEPOT #135 RIALTO 2
Address: 110 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0018785
Owner: ATV INC
Permit Number: PT0040578
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: AMERICAN TIRE DEPOT #135 RIALTO 2
Address: 110 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0018785
Owner: ATV INC
Permit Number: PT0040577
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 05/31/2022

CERS:
Name: AMERICAN TIRE DEPOT #135 RIALTO 2
Address: 110 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 573371
CERS ID: 10867690
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401

Affiliation Type Desc: Environmental Contact
Entity Name: MIKE HUMBACH
Entity Title: Not reported
Affiliation Address: 4490 AYERS AVE
Affiliation City: VERNON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90058
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: MIKE HUMBACH
Entity Title: DIRECTOR OF TRAINING AND SPECIAL PROJECTS
Affiliation Address: Not reported
Affiliation City: Not reported

MIDAS OF RIALTO LLC (Continued) **S124894858**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Matt Jones
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	4490 AYERS AVE
Affiliation City:	VERNON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90058
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	ATV INC.
Entity Title:	Not reported
Affiliation Address:	4490 AYERS AVE
Affiliation City:	VERNON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90058
Affiliation Phone:	(562) 977-8565
Affiliation Type Desc:	Parent Corporation
Entity Name:	AMERICAN TIRE DEPOT #135 RIALTO 2
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	ATV INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 977-8565

MIDAS OF RIALTO LLC (Continued) **S124894858**

HWTS:

Name:	MIDAS OF RIALTO LLC
Address:	110 E VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
EPA ID:	CAL000383329
Inactive Date:	06/30/2015
Create Date:	03/07/2013
Last Act Date:	01/27/2016
Mailing Name:	Not reported
Mailing Address:	110 EAST VALLEY BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 923760000
Owner Name:	994 THE ONE INC
Owner Address:	110 E VALLEY BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 923760000
Contact Name:	TOM KOPP
Contact Address:	110 E VALLEY BLVD
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376

NAICS:

EPA ID:	CAL000383329
Create Date:	2013-03-07 09:46:47.243
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2013-03-07 09:46:47.22700
Inactive Date:	2015-06-30 00:00:00
Facility Name:	MIDAS OF RIALTO LLC
Facility Address:	110 E VALLEY BLVD
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92376

K71 **ATV INC AMERICAN TIRE DEPOT** **RCRA NonGen / NLR** **1024850695**
ENE **110 E VALLEY BLVD** **CAL000408504**
1/8-1/4 **RIALTO, CA 92376**
0.196 mi.
1037 ft. **Site 5 of 7 in cluster K**

Relative:
Higher

Actual:
1069 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20150715
Handler Name:	ATV INC AMERICAN TIRE DEPOT
Handler Address:	110 E VALLEY BLVD
Handler City,State,Zip:	RIALTO, CA 92376
EPA ID:	CAL000408504
Contact Name:	JOHN BEERWERT
Contact Address:	14407 ALONDRA BLVD
Contact City,State,Zip:	LA MIRADA, CA 90638
Contact Telephone:	562-977-8565
Contact Fax:	562-217-4160
Contact Email:	JOHNB@ATVTIREINC.COM
Contact Title:	Not reported
EPA Region:	09

ATV INC AMERICAN TIRE DEPOT (Continued) **1024850695**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	14407 ALONDRA BLVD
Mailing City,State,Zip:	LA MIRADA, CA 90638-0000
Owner Name:	ATV INC
Owner Type:	Other
Operator Name:	JOHN BEERWERT
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

ATV INC AMERICAN TIRE DEPOT (Continued) **1024850695**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ATV INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14407 ALONDRA BLVD
Owner/Operator City,State,Zip:	LA MIRADA, CA 90638-0000
Owner/Operator Telephone:	562-977-8565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN BEERWERT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14407 ALONDRA BLVD
Owner/Operator City,State,Zip:	LA MIRADA, CA 90638
Owner/Operator Telephone:	562-977-8565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20150715
Handler Name:	ATV INC AMERICAN TIRE DEPOT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

ATV INC AMERICAN TIRE DEPOT (Continued) **1024850695**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J72 **IE MENESES INC DBA QUALITY TIRE AUTO SERVICE CENTE** **RCRA NonGen / NLR** **1024820583**
WNW **476 W VALLEY BLVD** **CAL000334183**
1/8-1/4 **RIALTO, CA 92376**
0.206 mi.
1090 ft. **Site 8 of 12 in cluster J**

Relative:
Higher

Actual:
1082 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20080702
Handler Name:	IE MENESES INC DBA QUALITY TIRE AUTO SERVICE CENTER
Handler Address:	476 W VALLEY BLVD
Handler City,State,Zip:	RIALTO, CA 92376-7718
EPA ID:	CAL000334183
Contact Name:	ISRAEL MENESES
Contact Address:	476 W VALLEY BLVD
Contact City,State,Zip:	RIALTO, CA 92376-7718
Contact Telephone:	909-421-1889
Contact Fax:	909-421-0976
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	476 W VALLEY BLVD
Mailing City,State,Zip:	RIALTO, CA 92376-7718
Owner Name:	IE MENESES INC
Owner Type:	Other
Operator Name:	ISRAEL MENESES
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

IE MENESES INC DBA QUALITY TIRE AUTO SERVICE CENTER (Continued) **1024820583**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	IE MENESES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	476 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376-7718
Owner/Operator Telephone:	909-844-9642
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ISRAEL MENESES
Legal Status:	Other

IE MENESES INC DBA QUALITY TIRE AUTO SERVICE CENTER (Continued) **1024820583**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	476 W VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376-7718
Owner/Operator Telephone:	909-421-1889
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20080702
Handler Name:	IE MENESES INC DBA QUALITY TIRE AUTO SERVICE CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

L73 **P & S TRUCK CENTER** **CA CERS HAZ WASTE** **1000300226**
East **161 E VALLEY BLVD** **CA SWEEPS UST** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA HIST UST**
0.209 mi. **CA FID UST**
1103 ft. **Site 1 of 8 in cluster L** **CA HAZNET**
CA San Bern. Co. Permit
Relative: **CA CERS**
Higher **CA HWTS**

Actual:
1064 ft.

CERS HAZ WASTE:

Name:	P & S TRUCK SUPPLY INC
Address:	161 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	54459
CERS ID:	10042771
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	CUMMINS WEST INC
Address:	161 E VALLEY BLVD
City:	RIALTO

P & S TRUCK CENTER (Continued) **1000300226**

Status: Active
Comp Number: 8519
Number: 9
Board Of Equalization: 44-020070
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: #1
SWRCB Tank Id: 36-000-008519-000001
Tank Status: A
Capacity: 250
Active Date: 08-25-88
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 2

Name: CUMMINS WEST INC
Address: 161 E VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 8519
Number: 9
Board Of Equalization: 44-020070
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: #2
SWRCB Tank Id: 36-000-008519-000002
Tank Status: A
Capacity: 250
Active Date: 08-25-88
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:
Name: CUMMINS WEST INC
Address: 161 E VALLEY BL
City,State,Zip: RIALTO, CA 92376
File Number: 00029A9C
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029A9C.pdf
Region: STATE
Facility ID: 00000008519
Facility Type: Other
Other Type: CUMMINS DIESEL SALES
Contact Name: PHILLIP WEST
Telephone: 7148770433
Owner Name: C.S.S. INVESTMENTS
Owner Address: 710 SILVER SPUR RD. SUITE #298
Owner City,St,Zip: ROLLING HILLS ESTATE, CA 90274
Total Tanks: 0003

Tank Num: 001
Container Num: #1
Year Installed: 1979

P & S TRUCK CENTER (Continued) **1000300226**

Tank Capacity:	00000250
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	#2
Year Installed:	1979
Tank Capacity:	00000250
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	3
Year Installed:	1979
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	36002536
Regulated By:	UTNKA
Regulated ID:	00008519
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	161 E VALLEY BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIALTO 92376
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HAZNET:

Name:	P & S TRUCK CENTER
Address:	161 E VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
Contact:	MARY MCKEE/CFO
Telephone:	9098742000
Mailing Name:	Not reported
Mailing Address:	161 E VALLEY BLVD

Year:	2019

P & S TRUCK CENTER (Continued) **1000300226**

Gepaid: CAL000206439
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 1.17500

Year: 2019
Gepaid: CAL000206439
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: -
Tons: 0.32500

Year: 2019
Gepaid: CAL000206439
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.70000

Year: 2018
Gepaid: CAL000206439
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 1.73750

Year: 2018
Gepaid: CAL000206439
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.26000

Year: 2017
Gepaid: CAL000206439
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.375

Year: 2017
Gepaid: CAL000206439
TSD EPA ID: AZR000501510
CA Waste Code: 351 - Organic solids with halogens
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15

Year: 2017
Gepaid: CAL000206439
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

P & S TRUCK CENTER (Continued) **1000300226**

Tons: 0.25

Additional Info:

Year:	2017
Gen EPA ID:	CAL000206439
Shipment Date:	20171229
Creation Date:	8/3/2018 18:30:33
Receipt Date:	20171229
Manifest ID:	018412158JJK
Trans EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171229
Creation Date:	8/3/2018 18:30:33
Receipt Date:	20171229
Manifest ID:	018412158JJK
Trans EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171025

P & S TRUCK CENTER (Continued) **1000300226**

Creation Date:	6/13/2018 18:30:39
Receipt Date:	20171025
Manifest ID:	018042510JJK
Trans EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171025
Creation Date:	6/13/2018 18:30:39
Receipt Date:	20171025
Manifest ID:	018042510JJK
Trans EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170713
Creation Date:	8/1/2018 18:31:11
Receipt Date:	20170720
Manifest ID:	003394934GBF
Trans EPA ID:	CAL000263169
Trans Name:	ALL VALLEY ENVIRONMENTAL
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510

P & S TRUCK CENTER (Continued) **1000300226**

Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	351 - Organic solids with halogens
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170224
Creation Date:	5/11/2018 18:32:50
Receipt Date:	20170301
Manifest ID:	003158999GBF
Trans EPA ID:	CAL000263169
Trans Name:	ALL VALLEY ENVIRONMENTAL
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	351 - Organic solids with halogens
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

San Bern. Co. Permit:

Name:	P & S TRUCK SUPPLY INC
Address:	161 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0005146
Owner:	MCKEE, MARY
Permit Number:	PT0001406
Permit Category:	LARGE QUANTITY GENERATOR
Facility Status:	ACTIVE
Expiration Date:	09/30/2021

Name:	P & S TRUCK SUPPLY INC
Address:	161 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO

P & S TRUCK CENTER (Continued) **1000300226**

Facility ID: FA0005146
Owner: MCKEE, MARY
Permit Number: PT0001405
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 09/30/2021

CERS:
Name: P & S TRUCK SUPPLY INC
Address: 161 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 54459
CERS ID: 10042771
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC
Violation Date: 06-22-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 08/23/2019. Failure to note accumulation start date on labels (CCR 66262.34(f)(2))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC
Violation Date: 08-23-2019
Citation: 22 CCR 15 66265.174 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.174
Violation Description: Failure to inspect weekly, areas where hazardous waste containers are stored or transferred. The owner or operator shall look for leaking containers and for deterioration of containers and the containment system caused by corrosion or other factors.
Violation Notes: Returned to compliance on 09/24/2019. Facility management was unable to adequately demonstrate that weekly inspection of the hazardous waste storage area were conducted prior to the inspection. CORRECTIVE ACTION: Sign the Certificate of Compliance indicating that weekly inspection of the hazardous waste storage area will be conducted upon receipt of this report.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC
Violation Date: 06-22-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 08/23/2019. Failure to label hazardous waste containers (CCR 66262.34(f)(3))
Violation Division: San Bernardino County Fire Department
Violation Program: HW

P & S TRUCK CENTER (Continued) **1000300226**

Violation Source: CERS

Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC
Violation Date: 08-23-2019
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: Returned to compliance on 09/24/2019. Facility management was unable to adequately demonstrate that daily hazardous waste tank inspections are conducted. No tank inspection documentation was available for review at the time of the inspection. CORRECTIVE ACTION: Sign the Certificate of Compliance indicating that a documented daily hazardous waste tank inspections will be conducted upon receipt of this report.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC
Violation Date: 08-23-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 09/24/2019. The last complete hazardous materials business plan submitted via CERS occurred on 06/10/2017. CORRECTIVE ACTION: Sign the Certificate of Compliance indicating that the hazardous materials business plan has been reviewed and recertified; CERS ID10042771.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC
Violation Date: 08-23-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 09/24/2019. Facility management was unable to adequately demonstrate that documented hazardous materials training is conducted for employees. No training documentation was available for review at the time of the inspection. CORRECTIVE ACTION: Sign the Certificate of Compliance indicating that employees have received initial hazardous materials training, and that annual refresher training will be conducted. Hazardous materials training is required to be documented.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

P & S TRUCK CENTER (Continued) **1000300226**

Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC
Violation Date: 06-22-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 08/23/2019. Failure to manage hazardous waste lawfully (CHSC 25154)
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC
Violation Date: 08-23-2019
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 09/24/2019. Facility management was unable to adequately demonstrate that hazardous waste training is conducted for employees. No training documentation was available for review at the time of the inspection. CORRECTIVE ACTION: Sign the Certificate of Compliance indicating that a documented hazardous waste training program has been developed and implemented. Sign the Certificate of Compliance indicating that employees have received initial hazardous waste training, and that annual refresher training will be conducted.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC
Violation Date: 06-22-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 08/23/2019. Failure to complete hazardous waste labels (CCR 66262.34(f)(3))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC

P & S TRUCK CENTER (Continued) **1000300226**

Violation Date:	06-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 06/10/2017. "CERS" BP ESTABLISHED ON 6/10/2017. CB
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	54459
Site Name:	P & S TRUCK SUPPLY INC
Violation Date:	06-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/10/2017. "CERS" BP ESTABLISHED ON 6/10/2017. CB
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	54459
Site Name:	P & S TRUCK SUPPLY INC
Violation Date:	06-22-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 08/23/2019. Failure to keep hazardous waste containers closed when not in active use (CCR 66265.173(a))
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	54459
Site Name:	P & S TRUCK SUPPLY INC
Violation Date:	08-23-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/24/2019. The following hazardous materials inventory items were not disclosed the hazardous materials inventory submitted via CERS on 06/10/2017: -(5) 251 cubic foot cylinders containing oxygen -(7) ~200 cubic foot cylinders containing nitrogen -(6) 114 cubic foot cylinders containing acetylene -(1) 480 gallon aboveground storage tank (AST), and (1) 120 gallon AST, containing lubricating oil -(10) 8 gallon cylinders containing propane -(1) ~250 gallon AST containing used lubricating oil -(1) ~300 gallon AST containing waste automotive coolant -(5) 55 gallon drums containing drained used oil filters -(1) 30 gallon parts washer -~20 lead acid batteries CORRECTIVE ACTION: Submit an accurate and complete

P & S TRUCK CENTER (Continued) **1000300226**

hazardous materials inventory into the California Environmental Reporting System (CERS).
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS MATERIALS INSPECTION FOR P & S TRUCK SUPPLY
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-23-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS WASTE GENERATOR INSPECTION FOR P & S TRUCK SUPPLY
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-23-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC
Site Address: 161 E VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 06-22-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

P & S TRUCK CENTER (Continued) **1000300226**

Site ID: 54459
Site Name: P & S TRUCK SUPPLY INC
Site Address: 161 E VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 06-22-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:
Site ID: 54459
Facility Name: P & S TRUCK SUPPLY INC
Env Int Type Code: HMBP
Program ID: 10042771
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.069782
Longitude: -117.368912

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: P & S TRUCK SUPPLY INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: MARY MCKEE
Entity Title: Not reported
Affiliation Address: 161 E VALLEY BLVD
Affiliation City: RIALTO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92376
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: ROBERT MICKSCHL
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (909) 874-2000

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire

P & S TRUCK CENTER (Continued) **1000300226**

Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	161 E VALLEY BLVD
Affiliation City:	RIALTO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92376
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	MCKEE, MARY
Entity Title:	Not reported
Affiliation Address:	161 E VALLEY BLVD
Affiliation City:	RIALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92376-9237
Affiliation Phone:	(951) 277-9003
Affiliation Type Desc:	Property Owner
Entity Name:	MARY MCKEE
Entity Title:	Not reported
Affiliation Address:	161 E VALLEY BLVD
Affiliation City:	RIALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92376
Affiliation Phone:	(909) 505-1485

HWTS:

Name:	P & S TRUCK CENTER
Address:	161 E VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
EPA ID:	CAL000206439
Inactive Date:	Not reported
Create Date:	05/02/2001
Last Act Date:	07/09/2020
Mailing Name:	MARY MCKEE
Mailing Address:	161 E VALLEY BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 923760000
Owner Name:	P & S TRUCK SUPPLY INC
Owner Address:	161 E. VALLEY BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 923767732
Contact Name:	MARY MCKEE/CFO

P & S TRUCK CENTER (Continued) **1000300226**

Contact Address: 161 E VALLEY BLVD
Contact Address 2: Not reported
City,State,Zip: RIALTO, CA 92376

NAICS:
EPA ID: CAL000206439
Create Date: 2002-03-14 16:36:29.000
NAICS Code: 4413
NAICS Description: Automotive Parts, Accessories, and Tire Stores
Issued EPA ID Date: 2001-05-02 00:00:00
Inactive Date: Not reported
Facility Name: P & S TRUCK CENTER
Facility Address: 161 E VALLEY BLVD
Facility Address 2: Not reported
Facility City: RIALTO
Facility County: Not reported
Facility State: CA
Facility Zip: 923760000

L74 **P & S TRUCK CENTER** **RCRA NonGen / NLR** **1024798864**
East **161 E VALLEY BLVD** **CAL000206439**
1/8-1/4 **RIALTO, CA 92376**
0.209 mi.
1103 ft. **Site 2 of 8 in cluster L**

Relative:
Higher

Actual:
1064 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20010502
Handler Name: P & S TRUCK CENTER
Handler Address: 161 E VALLEY BLVD
Handler City,State,Zip: RIALTO, CA 92376-0000
EPA ID: CAL000206439
Contact Name: MARY MCKEE/CFO
Contact Address: 161 E VALLEY BLVD
Contact City,State,Zip: RIALTO, CA 92376
Contact Telephone: 909-874-2000
Contact Fax: 909-877-8788
Contact Email: PSTRUCKCENTER@HOTMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 161 E VALLEY BLVD
Mailing City,State,Zip: RIALTO, CA 92376-0000
Owner Name: P & S TRUCK SUPPLY INC
Owner Type: Other
Operator Name: MARY MCKEE/CFO
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

P & S TRUCK CENTER (Continued) **1024798864**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARY MCKEE/CFO
Legal Status:	Other

P & S TRUCK CENTER (Continued) **1024798864**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	161 E VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	909-874-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	P & S TRUCK SUPPLY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	161 E VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376-0000
Owner/Operator Telephone:	909-874-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20010502
Handler Name: P & S TRUCK CENTER	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	4413
NAICS Description:	AUTOMOTIVE PARTS, ACCESSORIES, AND TIRE STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

J75 **PEP BOYS STORE#1669** **RCRA NonGen / NLR** **1024840102**
WNW **484 W VALLEY BLVD** **CAL000388513**
1/8-1/4 **RIALTO, CA 92376**
0.210 mi.
1111 ft. **Site 9 of 12 in cluster J**

Relative:
Higher

Actual:
1081 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20130809
Handler Name:	PEP BOYS STORE#1669	
Handler Address:		484 W VALLEY BLVD
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAL000388513
Contact Name:		ALANA PERSAD
Contact Address:		PEP BOYS -MANNY, MOE & JACK
Contact City,State,Zip:		PHILADELPHIA, PA 19132
Contact Telephone:		215-430-9226
Contact Fax:		215-430-4639
Contact Email:		ALANA_PERSAD@PEPBOYS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3111 W ALLEGHENY AVE
Mailing City,State,Zip:		PHILADELPHIA, PA 19132-1116
Owner Name:		THE PEP BOYS MANNY MOE & JACK OF CA
Owner Type:		Other
Operator Name:		ALANA PERSAD
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

PEP BOYS STORE#1669 (Continued) **1024840102**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE PEP BOYS MANNY MOE & JACK OF CA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 WEST ALLEGHENY AVE
Owner/Operator City,State,Zip:	PHILADELPHIA, PA 19132-0000
Owner/Operator Telephone:	215-430-9226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALANA PERSAD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PEP BOYS -MANNY, MOE & JACK
Owner/Operator City,State,Zip:	PHILADELPHIA, PA 19132
Owner/Operator Telephone:	215-430-9226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PEP BOYS STORE#1669 (Continued) **1024840102**

Historic Generators:
Receive Date: 20130809
Handler Name: PEP BOYS STORE#1669
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J76 **DISCOUNT TIRE CENTER** **CA San Bern. Co. Permit** **S102284947**
WNW **484 W VALLEY BLVD** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.210 mi.
1111 ft. **Site 10 of 12 in cluster J**

Relative: Higher

Actual: 1081 ft.

San Bern. Co. Permit:
Name: DISCOUNT TIRE CENTER
Address: 484 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0002750
Owner: Andonian Enterprices Inc.
Permit Number: PT0005209
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: INACTIVE
Expiration Date: 10/31/2014

Name: DISCOUNT TIRE CENTER
Address: 484 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0002750
Owner: Andonian Enterprices Inc.
Permit Number: PT0005208
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: INACTIVE
Expiration Date: 10/31/2014

J77 **PEP BOYS #1669** **CA CERS HAZ WASTE** **S113164415**
WNW **484 W VALLEY BLVD** **CA San Bern. Co. Permit** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA CERS**
0.210 mi.
1111 ft. **Site 11 of 12 in cluster J**

Relative:
Higher

Actual:
1081 ft.

CERS HAZ WASTE:
Name: PEP BOYS #1669
Address: 484 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 111658
CERS ID: 10038634
CERS Description: Hazardous Waste Generator

San Bern. Co. Permit:
Name: PEP BOYS #1669
Address: 484 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0015475
Owner: PEP BOYS - MANNY, MOE & JACK
Permit Number: PT0033955
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: ACTIVE
Expiration Date: 10/31/2021

Name: PEP BOYS #1669
Address: 484 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0015475
Owner: PEP BOYS - MANNY, MOE & JACK
Permit Number: PT0033954
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 10/31/2021

CERS:
Name: PEP BOYS #1669
Address: 484 W VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 111658
CERS ID: 10038634
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 05-22-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/04/2018. Failure to manage hazardous waste lawfully (CHSC 25154)
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111658

PEP BOYS #1669 (Continued) **S113164415**

Site Name: Pep Boys #1669
Violation Date: 07-10-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/04/2018. Failure to operate and maintain facility to prevent a fire, spill or release (CCR 66265.31)
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 07-10-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/10/2017. Failure to note accumulation start date on labels (CCR 66262.34(f)(2))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 05-22-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/10/2017. Failure to label hazardous waste containers (CCR 66262.34(f)(3))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 05-22-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/10/2017. Failure to note accumulation start date on labels (CCR 66262.34(f)(2))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 07-10-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 10/04/2018. Failure to obtain an EPA ID Number (CCR 66262.12(a)) Failure to obtain/maintain an active EPA ID Number. A facility or individual shall not treat, store, dispose of,

PEP BOYS #1669 (Continued) **S113164415**

transport, or offer for transportation a Hazardous Waste unless an EPA ID Number has been obtained. (CCR 66262.12(a))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 07-10-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 08/02/2017.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 05-22-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 01/07/2015. "CERS" BP SUBMITTED. CB
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 05-22-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/10/2017. Failure to complete hazardous waste labels (CCR 66262.34(f)(3))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 05-22-2014
Citation: HSC 6.95 25503.5(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25503.5(a)
Violation Description: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 01/07/2015. "CERS" BP SUBMITTED. CB
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

PEP BOYS #1669 (Continued) **S113164415**

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 05-22-2014
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/30/2015. Failure to obtain a CUPA Hazardous Materials Handler permit (SBCC 23.0602(a)) PERMIT FEES HAVE BEEN PAID. CB
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 07-10-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/10/2017. Failure to complete hazardous waste labels (CCR 66262.34(f)(3))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 07-10-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/04/2018. Failure to manage hazardous waste lawfully (CHSC 25154)
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 07-10-2017
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: Returned to compliance on 04/04/2018.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Violation Date: 05-22-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/30/2015. Failure to obtain a CUPA Hazardous Waste Generator Permit (SBCC 23.0602(b)(1)) PERMIT FEES ARE

PEP BOYS #1669 (Continued) **S113164415**

PAID. CB
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-22-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NEW FACILITY REGULAR INSPECTION (PEP BOYS #1660).
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE GENERATOR INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-22-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NEW FACILITY REGULAR INSPECTION (PEP BOYS #1660).
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-23-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-23-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department

PEP BOYS #1669 (Continued) **S113164415**

Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 111658
Site Name: Pep Boys #1669
Site Address: 484 W VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 05-22-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 111658
Site Name: Pep Boys #1669
Site Address: 484 W VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 05-22-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:
Site ID: 111658
Facility Name: Pep Boys #1669
Env Int Type Code: HWG
Program ID: 10038634
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.070546
Longitude: -117.378545

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: David Abraham
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: David Abraham
Entity Title: Not reported
Affiliation Address: 3111 W. Allegheny Avenue, Attn: Environmental Department
Affiliation City: Philadelphia

PEP BOYS #1669 (Continued) **S113164415**

Affiliation State:	PA
Affiliation Country:	Not reported
Affiliation Zip:	19132
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3111 W. Allegheny Avenue, Attn: Environmental Department
Affiliation City:	Philadelphia
Affiliation State:	PA
Affiliation Country:	Not reported
Affiliation Zip:	19132
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Pep Boys - Manny, Moe & Jack
Entity Title:	Not reported
Affiliation Address:	3111 W. Allegheny Avenue, Attn: Environmental Department
Affiliation City:	Philadelphia
Affiliation State:	PA
Affiliation Country:	United States
Affiliation Zip:	19132
Affiliation Phone:	(215) 430-9095
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401
Affiliation Type Desc:	Identification Signer
Entity Name:	David Abraham
Entity Title:	California EHS Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Pep Boys - Manny, Moe & Jack
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(215) 430-9226
Affiliation Type Desc:	Parent Corporation
Entity Name:	Pep Boys- Manny, Moe & Jack

PEP BOYS #1669 (Continued) **S113164415**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

J78 **PEP BOYS #1669** **RCRA-VSQG** **1023966819**
WNW **484 W VALLEY RD** **CAR000275180**
1/8-1/4 **RIALTO, CA 92376**
0.210 mi.
1111 ft. **Site 12 of 12 in cluster J**

Relative: **Higher**

Actual: **1081 ft.**

RCRA-VSQG:

Date Form Received by Agency:		20170821
Handler Name:	PEP BOYS #1669	
Handler Address:		484 W VALLEY RD
Handler City,State,Zip:		RIALTO, CA 92376
EPA ID:		CAR000275180
Contact Name:		ALANA J PERSAD
Contact Address:		W ALLEGHENY AVE
Contact City,State,Zip:		PHILADELPHIA, PA 19132
Contact Telephone:		215-430-9226 9226
Contact Fax:		215-430-4639
Contact Email:		ALANA_PERSAD@PEPBOYS.COM
Contact Title:		ENV COORDINATOR
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		W ALLEGHENY AVE
Mailing City,State,Zip:		PHILADELPHIA, PA 19132
Owner Name:		BUTTERFIELD LAND COMPANY
Owner Type:		Private
Operator Name:		THE PEP BOYS - MANNY, MOE & JACK
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported

PEP BOYS #1669 (Continued) **1023966819**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20170905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE PEP BOYS - MANNY, MOE & JACK
Legal Status:	Private
Date Became Current:	20130903
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

PEP BOYS #1669 (Continued) **1023966819**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUTTERFIELD LAND COMPANY
Legal Status:	Private
Date Became Current:	20130903
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 892641
Owner/Operator City,State,Zip:	TEMECULA, CA 92589
Owner/Operator Telephone:	951-699-0272
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20170821
Handler Name: PEP BOYS #1669	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	441310
NAICS Description:	AUTOMOTIVE PARTS AND ACCESSORIES STORES
NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

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79 North 1/8-1/4 0.212 mi. 1121 ft.

VERIZON WIRELESS: RIALTO
1531 S WILLOW AVE
RIALTO, CA 92376

CA San Bern. Co. Permit S104763368
CA CERS N/A

Relative: Higher

Actual: 1078 ft.

San Bern. Co. Permit:

Name:	VERIZON WIRELESS: RIALTO
Address:	1531 S WILLOW AVE
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0000736
Owner:	Verizon Wireless

VERIZON WIRELESS: RIALTO (Continued) **S104763368**

Permit Number: PT0009044
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: ACTIVE
Expiration Date: 04/30/2021

CERS:
Name: VERIZON WIRELESS: RIALTO
Address: 1531 S WILLOW AVE
City,State,Zip: RIALTO, CA 92376
Site ID: 168558
CERS ID: 10164343
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 168558
Site Name: Verizon Wireless: Rialto
Violation Date: 05-12-2021
Citation: Un-Specified
Violation Description: Business Plan Program - Administration/Documentation - General Local Ordinance
Violation Notes: Returned to compliance on 05/12/2021. OBSERVATION: At time of inspection, there was an outstanding balance of $567.00. CORRECTIVE ACTION: Pay all applicable permit fees upon receipt of invoice.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-12-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-04-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: REGULAR INSPECTION.
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-18-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:

VERIZON WIRELESS: RIALTO (Continued) **S104763368**

Affiliation Type Desc:	Document Preparer
Entity Name:	Steve Skanderson, Stantec
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Verizon Wireless
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 286-7000

Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Compliance
Entity Title:	Not reported
Affiliation Address:	15505 Sand Canyon Avenue, MS D-104
Affiliation City:	Irvine
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92618
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Wilson Rodriguez
Entity Title:	Engr III Spec-RE/Regulatory
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Verizon Wireless
Entity Title:	Not reported
Affiliation Address:	15505 Sand Canyon Avenue, MS D-104
Affiliation City:	Irvine
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92618
Affiliation Phone:	(949) 286-7000

Affiliation Type Desc:	Parent Corporation
Entity Name:	Verizon Wireless [Southern California]
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

VERIZON WIRELESS: RIALTO (Continued) **S104763368**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 15505 Sand Canyon Avenue, MS D-104
Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92618
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401

K80 **CLUTCH MASTERS INDUSTRIES INC** **CA CERS HAZ WASTE** **S102041351**
ENE **267 E VALLEY BLVD** **CA NPDES** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA San Bern. Co. Permit**
0.237 mi. **CA CIWQS**
1254 ft. **Site 6 of 7 in cluster K** **CA CERS**
CA HWTS

Relative:
Higher

Actual:
1068 ft.

CERS HAZ WASTE:
Name: CLUTCH MASTERS
Address: 267 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Site ID: 20508
CERS ID: 10037734
CERS Description: Hazardous Waste Generator

NPDES:
Name: CLUTCH MASTERS INDUSTRIES INC
Address: 267 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 8 36NEC003826
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported

CLUTCH MASTERS INDUSTRIES INC (Continued) **S102041351**

Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	11/28/2017
Operator Name:	Clutch Masters Industries Inc
Operator Address:	267 E Valley Blvd
Operator City:	Rialto
Operator State:	California
Operator Zip:	92376

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	493059
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36NEC003826
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/28/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Clutch Masters Industries Inc
Discharge Address:	267 E Valley Blvd
Discharge City:	Rialto
Discharge State:	California
Discharge Zip:	92376
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported

CLUTCH MASTERS INDUSTRIES INC (Continued) **S102041351**

Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	CLUTCH MASTERS INDUSTRIES INC
Address:	267 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	493059
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 36NEC003826
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/28/2017
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	267 E Valley Blvd
Discharge Name:	Clutch Masters Industries Inc
Discharge City:	Rialto
Discharge State:	California
Discharge Zip:	92376
Status:	Not reported
Status Date:	Not reported

CLUTCH MASTERS INDUSTRIES INC (Continued) **S102041351**

Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	493059
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36NEC003826
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/28/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Clutch Masters Industries Inc
Discharge Address:	267 E Valley Blvd
Discharge City:	Rialto
Discharge State:	California
Discharge Zip:	92376
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported

CLUTCH MASTERS INDUSTRIES INC (Continued) **S102041351**

Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

San Bern. Co. Permit:

Name:	CLUTCH MASTERS
Address:	267 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0002237
Owner:	CLUTCH MASTERS
Permit Number:	PT0003833
Permit Category:	CONDITIONALLY EXEMPT SM QTY GENERATOR
Facility Status:	ACTIVE
Expiration Date:	08/31/2021

Name:	CLUTCH MASTERS
Address:	267 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0002237
Owner:	CLUTCH MASTERS
Permit Number:	PT0003834
Permit Category:	HAZARDOUS MATERIALS 1-3 CHEMICALS
Facility Status:	ACTIVE
Expiration Date:	08/31/2021

CIWQS:

Name:	CLUTCH MASTERS INDUSTRIES INC
Address:	267 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Agency:	Clutch Masters Industries Inc
Agency Address:	267 E Valley Blvd, Rialto, CA 92376
Place/Project Type:	Industrial - Industrial and Commercial Machinery and Equipment, NEC

CLUTCH MASTERS INDUSTRIES INC (Continued) **S102041351**

SIC/NAICS:	3599
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36NEC003826
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/28/2017
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.07053
Longitude:	-117.36855

CERS:

Name:	CLUTCH MASTERS INDUSTRIES INC
Address:	267 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	529444
CERS ID:	860386
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Clutch Masters Industries Inc
Entity Title:	Operator
Affiliation Address:	267 E Valley Blvd
Affiliation City:	Rialto
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92376
Affiliation Phone:	Not reported

Name:	CLUTCH MASTERS
Address:	267 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	20508
CERS ID:	10037734
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	20508
Site Name:	CLUTCH MASTERS
Violation Date:	06-21-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 06/24/2016.

CLUTCH MASTERS INDUSTRIES INC (Continued) **S102041351**

Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 20508
Site Name: CLUTCH MASTERS
Violation Date: 08-14-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: This CUPA does not accept the document upload option "Stored at Facility" for the Training Plan. CORRECTIVE ACTION: Submit a complete training program into the California Environmental Reporting System (CERS), or make the appropriate link within the CERS submittal by linking the Training Plan section to the Emergency Response Plan submittal element.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 20508
Site Name: CLUTCH MASTERS
Violation Date: 08-14-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 08/23/2019. The Emergency Response Plan submitted via CERS on 05/31/2019, is missing the Local CUPA Telephone Number. CORRECTIVE ACTION: Submit a complete emergency response plan into the California Environmental Reporting System (CERS), which includes the local CUPA Telephone Number of (909)386-8425. CERS ID: 10037734.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 20508
Site Name: CLUTCH MASTERS
Violation Date: 06-21-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/24/2016.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 20508
Site Name: CLUTCH MASTERS
Violation Date: 08-14-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter

CLUTCH MASTERS INDUSTRIES INC (Continued) **S102041351**

6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 08/23/2019. Observed the following hazardous materials and/or hazardous waste on site, which were not disclosed in the most recent hazardous materials inventory submitted via CERS on 05/31/2019: -(1) 55 gallon drum containing degreaser -(2) 55 gallon drums containing machining coolant -(1) 55 gallon drum containing rust preventer -(3) 55 gallon drums containing 2 part packaging foam materials -(1) 30 gallon parts washer, (1) ~12 gallon parts washer, and (1)~5 gallon parts washer CORRECTIVE ACTION: Submit an accurate and complete hazardous materials inventory into the California Environmental Reporting System (CERS).
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-14-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-14-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS WASTER GENERATOR INSPECTION FOR CLUTCH MASTERS
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS MATERIALS INSPECTION FOR CLUTCH MASTERS
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:

CLUTCH MASTERS INDUSTRIES INC (Continued) **S102041351**

Site ID: 20508
Site Name: CLUTCH MASTERS
Site Address: 267 E VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 06-21-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:

Affiliation Type Desc: Parent Corporation
Entity Name: CLUTCH MASTERS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: STEVEN BOOHER
Entity Title: Not reported
Affiliation Address: 267 E VALLEY BLVD
Affiliation City: RIALTO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92376
Affiliation Phone: (406) 549-0171

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 267 E VALLEY BLVD
Affiliation City: RIALTO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92376
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: CLUTCH MASTERS
Entity Title: Not reported
Affiliation Address: 267 E VALLEY BLVD
Affiliation City: RIALTO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92376
Affiliation Phone: (909) 877-6800

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported

CLUTCH MASTERS INDUSTRIES INC (Continued) **S102041351**

Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401

Affiliation Type Desc: Document Preparer
Entity Name: MIKE LEE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: LONNIE FUTCH
Entity Title: Not reported
Affiliation Address: 267 E VALLEY BLVD
Affiliation City: RIALTO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92376
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: MIKE LEE
Entity Title: GENERAL MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Mike Lee
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (406) 549-0171

HWTS:
Name: CLUTCH MASTERS
Address: 267 E VALLEY BLVD
Address 2: Not reported
City,State,Zip: RIALTO, CA 923760000
EPA ID: CAL921835361
Inactive Date: 06/30/1995
Create Date: 07/01/1992
Last Act Date: 06/28/2001

CLUTCH MASTERS INDUSTRIES INC (Continued) **S102041351**

Mailing Name:	Not reported
Mailing Address:	267 E VALLEY BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 923760000
Owner Name:	MIKE LEE
Owner Address:	267 E VALLEY BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 923760000
Contact Name:	INACTIVE PER V95 FORM HJ
Contact Address:	MIKE LEE MGR
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

K81 **CLUTCH MASTERS IND. INC.** **RCRA NonGen / NLR** **1024790043**
ENE **267 E VALLEY BL** **CAL000076368**
1/8-1/4 **RIALTO, CA 92376**
0.237 mi.
1254 ft. **Site 7 of 7 in cluster K**

Relative: **Higher**
Actual: **1068 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	19920917
Handler Name:	CLUTCH MASTERS IND. INC.
Handler Address:	267 E VALLEY BL
Handler City,State,Zip:	RIALTO, CA 92376-0000
EPA ID:	CAL000076368
Contact Name:	MIKE LEE MGR
Contact Address:	6080 INDUSTRIAL RD
Contact City,State,Zip:	MISSOULA, MT 59808
Contact Telephone:	406-549-0171
Contact Fax:	000-000-0000
Contact Email:	TRISH@CLUTCHMASTERS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	267 E VALLEY BLVD
Mailing City,State,Zip:	RIALTO, CA 92376-0000
Owner Name:	GREG BOOHER
Owner Type:	Other
Operator Name:	MIKE LEE MGR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes

CLUTCH MASTERS IND. INC. (Continued) **1024790043**

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE LEE MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6080 INDUSTRIAL RD
Owner/Operator City,State,Zip:	MISSOULA, MT 59808
Owner/Operator Telephone:	406-549-0171
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

CLUTCH MASTERS IND. INC. (Continued) **1024790043**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GREG BOOHER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6080 INDUSTRIAL RD
Owner/Operator City,State,Zip: MISSOULA, MT 59808-0000
Owner/Operator Telephone: 406-549-0171
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19920917
Handler Name: CLUTCH MASTERS IND. INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42112
NAICS Description: MOTOR VEHICLE SUPPLIES AND NEW PARTS WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

82
NW
1/8-1/4
0.241 mi.
1271 ft.

DOOR COMPANY OF SAN BERNARDINO **CA SWEEPS UST U001574571**
1591 SOUTH LILAC AVENUE **CA HIST UST N/A**
BLOOMINGTON, CA 92316

Relative:
Higher

Actual:
1087 ft.

SWEEPS UST:
Name: DOOR COMPANY OF SAN BERNARDINO
Address: 1591 S LILAC AVE
City: BLOOMINGTON
Status: Not reported
Comp Number: 9399
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported

DOOR COMPANY OF SAN BERNARDINO (Continued) **U001574571**

Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-009399-000001
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

HIST UST:
Name: DOOR COMPANY OF SAN BERNARDINO
Address: 1591 SOUTH LILAC AVENUE
City,State,Zip: BLOOMINGTON, CA 92316
File Number: 00029DBE
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029DBE.pdf
Region: STATE
Facility ID: 00000009399
Facility Type: Other
Other Type: DOOR BUSINESS
Contact Name: Not reported
Telephone: 7148770610
Owner Name: DOOR COMPANY OF SAN BERNARDINO
Owner Address: 1591 S. LILAC AVENUE
Owner City,St,Zip: BLOOMINGTON, CA 92316
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

L83 **10-10 TRUCK STOP** **CA SWEEPS UST** **S106922226**
East **195 E VALLEY RIALTO CA 92376** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.245 mi.
1294 ft. **Site 3 of 8 in cluster L**

Relative:
Higher

Actual:
1065 ft.

SWEEPS UST:
Name: 10-10 TRUCK STOP
Address: 195 E VALLEY RIALTO CA 92376
City: RIALTO
Status: Active
Comp Number: 57683
Number: 9
Board Of Equalization: 44-021261
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 36-000-057683-000001

10-10 TRUCK STOP (Continued) **S106922226**

Tank Status: A
Capacity: 1
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 5

Name: 10-10 TRUCK STOP
Address: 195 E VALLEY RIALTO CA 92376
City: RIALTO
Status: Active
Comp Number: 57683
Number: 9
Board Of Equalization: 44-021261
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 36-000-057683-000002
Tank Status: A
Capacity: 1
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: 10-10 TRUCK STOP
Address: 195 E VALLEY RIALTO CA 92376
City: RIALTO
Status: Active
Comp Number: 57683
Number: 9
Board Of Equalization: 44-021261
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 36-000-057683-000003
Tank Status: A
Capacity: 1
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: 10-10 TRUCK STOP
Address: 195 E VALLEY RIALTO CA 92376
City: RIALTO
Status: Active
Comp Number: 57683
Number: 9
Board Of Equalization: 44-021261
Referral Date: 07-28-92
Action Date: 07-28-92

10-10 TRUCK STOP (Continued) **S106922226**

Created Date:	02-29-88
Owner Tank Id:	4
SWRCB Tank Id:	36-000-057683-000004
Tank Status:	A
Capacity:	1
Active Date:	08-25-88
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	10-10 TRUCK STOP
Address:	195 E VALLEY RIALTO CA 92376
City:	RIALTO
Status:	Active
Comp Number:	57683
Number:	9
Board Of Equalization:	44-021261
Referral Date:	07-28-92
Action Date:	07-28-92
Created Date:	02-29-88
Owner Tank Id:	5
SWRCB Tank Id:	36-000-057683-000005
Tank Status:	A
Capacity:	1
Active Date:	08-25-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

L84 **I-10 TRUCK STOP** **CA CERS HAZ WASTE** **S113076873**
East **195 E VALLEY BLVD** **CA CERS TANKS** **N/A**
1/8-1/4 **RIALTO, CA 92376** **CA HAZNET**
0.245 mi. **CA CERS**
1294 ft. **Site 4 of 8 in cluster L** **CA HWTS**

Relative:
Higher

Actual:
1065 ft.

CERS HAZ WASTE:

Name:	I-10 TRUCK STOP
Address:	195 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	394982
CERS ID:	10040530
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	I-10 TRUCK STOP
Address:	195 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	394982
CERS ID:	10040530
CERS Description:	Underground Storage Tank

HAZNET:

Name:	I-10 TRUCK STOP
Address:	195 E VALLEY BLVD
Address 2:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

City,State,Zip:	RIALTO, CA 923760000
Contact:	JILL YI-MGR
Telephone:	9098771171
Mailing Name:	Not reported
Mailing Address:	195 E VALLEY BLVD
Year:	2008
Gepaid:	CAL000140570
TSD EPA ID:	CAD982444481
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.357
Year:	2005
Gepaid:	CAL000140570
TSD EPA ID:	CAT080025711
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H01 - Transfer Station
Tons:	1.9
Year:	2004
Gepaid:	CAL000140570
TSD EPA ID:	CAT080025711
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H01 - Transfer Station
Tons:	20.8582
Year:	2003
Gepaid:	CAL000140570
TSD EPA ID:	AZD980892731
CA Waste Code:	352 - Other organic solids
Disposal Method:	D80 - Disposal, Land Fill
Tons:	1
Year:	2003
Gepaid:	CAL000140570
TSD EPA ID:	CAT080025711
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H01 - Transfer Station
Tons:	69.4944
Year:	2002
Gepaid:	CAL000140570
TSD EPA ID:	CAT080025711
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H01 - Transfer Station
Tons:	61.9932
Year:	2001
Gepaid:	CAL000140570
TSD EPA ID:	CAD982444481
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H01 - Transfer Station
Tons:	15.2
Year:	2001

I-10 TRUCK STOP (Continued) **S113076873**

Gepaid: CAL000140570
TSD EPA ID: CAD982444481
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H01 - Transfer Station
Tons: 5.88

Year: 2001
Gepaid: CAL000140570
TSD EPA ID: CAT080025711
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 8.36

Year: 2001
Gepaid: CAL000140570
TSD EPA ID: CAD982444481
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: -
Tons: 9.5

Click this hyperlink while viewing on your computer to access
9 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2001
Gen EPA ID: CAL000140570

Shipment Date: 20011227
Creation Date: 2/20/2002 0:00:00
Receipt Date: 20011227
Manifest ID: 21330501
Trans EPA ID: CAR000019943
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080025711
Trans Name: Not reported
TSDF Alt EPA ID: CAT080025711
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 4.56
Waste Quantity: 1200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011127
Creation Date: 2/19/2002 0:00:00
Receipt Date: 20011127
Manifest ID: 21330468
Trans EPA ID: CAR000019943

I-10 TRUCK STOP (Continued) **S113076873**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	9.5
Waste Quantity:	2500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011015
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011015
Manifest ID:	21330418
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	15.2
Waste Quantity:	4000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010802
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010802
Manifest ID:	20851506
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

Meth Code:	H01 - Transfer Station
Quantity Tons:	13.11
Waste Quantity:	3450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010706
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010709
Manifest ID:	20769502
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010626
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010627
Manifest ID:	20772345
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	5.88
Waste Quantity:	1400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

Shipment Date:	20010607
Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010607
Manifest ID:	20851383
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	9.5
Waste Quantity:	2500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010420
Creation Date:	7/10/2001 0:00:00
Receipt Date:	20010420
Manifest ID:	20851319
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	9.5
Waste Quantity:	2500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010308
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010309
Manifest ID:	20851226
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711

I-10 TRUCK STOP (Continued) **S113076873**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	8.36
Waste Quantity:	2200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010202
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010202
Manifest ID:	96147176
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	5.7
Waste Quantity:	1500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000140570

Shipment Date:	19991217
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991217
Manifest ID:	99174680
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

Meth Code:	R01 - Recycler
Quantity Tons:	11.9679
Waste Quantity:	2870
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991029
Creation Date:	1/4/2000 0:00:00
Receipt Date:	19991029
Manifest ID:	99174630
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	8.34
Waste Quantity:	2000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990928
Creation Date:	11/18/1999 0:00:00
Receipt Date:	19990928
Manifest ID:	99174594
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	20.016
Waste Quantity:	4800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

Shipment Date:	19990730
Creation Date:	9/21/1999 0:00:00
Receipt Date:	19990730
Manifest ID:	99174515
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	15.429
Waste Quantity:	3700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990604
Creation Date:	7/30/1999 0:00:00
Receipt Date:	19990607
Manifest ID:	99174453
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	9.591
Waste Quantity:	2300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990428
Creation Date:	6/3/1999 0:00:00
Receipt Date:	19990428
Manifest ID:	99174419
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708

I-10 TRUCK STOP (Continued) **S113076873**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	14.82
Waste Quantity:	3900
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990219
Creation Date:	4/20/1999 0:00:00
Receipt Date:	19990222
Manifest ID:	96691167
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.862
Waste Quantity:	490
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990209
Creation Date:	4/1/1999 0:00:00
Receipt Date:	19990209
Manifest ID:	96691147
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.862
Waste Quantity:	490
Quantity Unit:	G

I-10 TRUCK STOP (Continued) **S113076873**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990129
Creation Date:	4/1/1999 0:00:00
Receipt Date:	19990201
Manifest ID:	96691145
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.824
Waste Quantity:	480
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990118
Creation Date:	3/15/1999 0:00:00
Receipt Date:	19990118
Manifest ID:	96691131
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.09
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAL000140570

I-10 TRUCK STOP (Continued) **S113076873**

Shipment Date:	20050610
Creation Date:	8/17/2005 18:33:44
Receipt Date:	20050610
Manifest ID:	24174554
Trans EPA ID:	CAR000019943
Trans Name:	K-VAC ENVORONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.9
Waste Quantity:	500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAL000140570

Shipment Date:	19981209
Creation Date:	1/28/1999 0:00:00
Receipt Date:	19981216
Manifest ID:	97408195
Trans EPA ID:	CAD982443319
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	8.4
Waste Quantity:	2000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAL000140570

I-10 TRUCK STOP (Continued) **S113076873**

Shipment Date:	20031208
Creation Date:	8/24/2004 10:00:04
Receipt Date:	20031208
Manifest ID:	21330779
Trans EPA ID:	CAR000019943
Trans Name:	K-VAC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	3.42
Waste Quantity:	900
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031023
Creation Date:	8/3/2004 15:03:33
Receipt Date:	20031023
Manifest ID:	23005260
Trans EPA ID:	CAR000019943
Trans Name:	K-VAC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	11.799
Waste Quantity:	3105
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030822
Creation Date:	7/29/2004 7:43:54
Receipt Date:	20030822
Manifest ID:	22155975
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711

I-10 TRUCK STOP (Continued) **S113076873**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	13.3
Waste Quantity:	3500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030610
Creation Date:	7/20/2004 10:01:52
Receipt Date:	20030611
Manifest ID:	22155902
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	13.9954
Waste Quantity:	3683
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030327
Creation Date:	5/9/2007 18:30:21
Receipt Date:	20030327
Manifest ID:	22155817
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	4.94
Waste Quantity:	1300
Quantity Unit:	G

I-10 TRUCK STOP (Continued) **S113076873**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030304
Creation Date:	3/16/2007 18:30:50
Receipt Date:	20030304
Manifest ID:	22155779
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	8.74
Waste Quantity:	2300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030203
Creation Date:	7/22/2004 8:36:14
Receipt Date:	20030205
Manifest ID:	21848842
Trans EPA ID:	CAR000112375
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980892731
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030114
Creation Date:	4/10/2003 10:20:47
Receipt Date:	20030114

I-10 TRUCK STOP (Continued) **S113076873**

Manifest ID:	22155723
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	13.3
Waste Quantity:	3500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAL000140570
Shipment Date:	20040326
Creation Date:	8/23/2004 8:48:57
Receipt Date:	20040326
Manifest ID:	23005407
Trans EPA ID:	CAR000019943
Trans Name:	K-VAC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	11.932
Waste Quantity:	3140
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040123
Creation Date:	8/19/2004 11:23:00
Receipt Date:	20040123
Manifest ID:	23005333
Trans EPA ID:	CAR000019943
Trans Name:	K-VAC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	8.9262
Waste Quantity:	2349
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAL000140570
Shipment Date:	20001219
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001220
Manifest ID:	98394354
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	10.83
Waste Quantity:	2850
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001102
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001102
Manifest ID:	20220771
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil

I-10 TRUCK STOP (Continued) **S113076873**

RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	7.41
Waste Quantity:	1950
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000929
Creation Date:	11/14/2000 0:00:00
Receipt Date:	20000929
Manifest ID:	20220707
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	9.5
Waste Quantity:	2500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000817
Creation Date:	10/23/2000 0:00:00
Receipt Date:	20000817
Manifest ID:	20220654
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.7
Waste Quantity:	1500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

Additional Code 5:	Not reported
Shipment Date:	20000720
Creation Date:	9/11/2000 0:00:00
Receipt Date:	20000720
Manifest ID:	20220620
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982403198
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	10.26
Waste Quantity:	2700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000606
Creation Date:	8/1/2000 0:00:00
Receipt Date:	20000606
Manifest ID:	20220533
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	12.065
Waste Quantity:	3175
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000411
Creation Date:	6/7/2000 0:00:00
Receipt Date:	20000411
Manifest ID:	20220440
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.555
Waste Quantity:	1725
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000310
Creation Date:	5/3/2000 0:00:00
Receipt Date:	20000310
Manifest ID:	99174783
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	10.07
Waste Quantity:	2650
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000126
Creation Date:	3/22/2000 0:00:00
Receipt Date:	20000126
Manifest ID:	99174717
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	7.7748

I-10 TRUCK STOP (Continued) **S113076873**

Waste Quantity:	2046
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAL000140570
Shipment Date:	20021104
Creation Date:	2/21/2003 10:42:43
Receipt Date:	20021104
Manifest ID:	22155648
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	9.12
Waste Quantity:	2400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020920
Creation Date:	1/28/2003 18:31:46
Receipt Date:	20020920
Manifest ID:	21944437
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	9.12
Waste Quantity:	2400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020806
Creation Date:	3/12/2003 18:31:29
Receipt Date:	20020806
Manifest ID:	21330754
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	5.7228
Waste Quantity:	1506
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020711
Creation Date:	9/18/2002 18:32:45
Receipt Date:	20020711
Manifest ID:	21330729
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	6.1104
Waste Quantity:	1608
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020610
Creation Date:	8/29/2002 18:31:16
Receipt Date:	20020610
Manifest ID:	21330700
Trans EPA ID:	CAR000019943
Trans Name:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	5.89
Waste Quantity:	1550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020521
Creation Date:	1/24/2003 18:31:04
Receipt Date:	20020521
Manifest ID:	21330658
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	9.12
Waste Quantity:	2400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020405
Creation Date:	7/17/2002 18:33:08
Receipt Date:	20020405
Manifest ID:	21330618
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station

I-10 TRUCK STOP (Continued) **S113076873**

Quantity Tons:	6.84
Waste Quantity:	1800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020222
Creation Date:	7/25/2002 18:31:24
Receipt Date:	20020222
Manifest ID:	21330579
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	4.37
Waste Quantity:	1150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020131
Creation Date:	6/28/2002 18:31:15
Receipt Date:	20020131
Manifest ID:	21330551
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	5.7
Waste Quantity:	1500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

Additional Info:

Year:	2008
Gen EPA ID:	CAL000140570
Shipment Date:	20080714
Creation Date:	9/4/2008 18:30:07
Receipt Date:	20080714
Manifest ID:	004847242JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080714
Creation Date:	9/4/2008 18:30:07
Receipt Date:	20080714
Manifest ID:	004847242JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	I-10 TRUCK STOP

I-10 TRUCK STOP (Continued) **S113076873**

Address:	195 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Site ID:	394982
CERS ID:	10040530
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-24-2017
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have a UST Response Plan available on site.
Violation Notes:	Returned to compliance on 05/01/2017. COMPLIANCE ACTIVITY (05/01/2017) FACILITY UPDATED CERS INFORMATION OBSERVATION: A COMPLETE UST MONITORING SITE PLAN WAS NOT SUBMITTED TO CERS. COMPLIANCE REQUIREMENT: SUBMIT A COMPLETE PLAN TO CERS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-11-2015
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 04/20/2015. EXPIRED CFR FORM AND CFO FORM. UPDATE AND SCAN TO CERS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	10-18-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/18/2018. OBSERVATION: Observed (1) 55 gal drum of non-metal used metal filters missing a hazardous waste label. CORRECTIVE ACTION: Corrected on site.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-26-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 03/11/2015. Failure to correct past UST

I-10 TRUCK STOP (Continued) **S113076873**

violations within 30 days of receiving a UST inspection report (23CCR 2712(f)) VIOLATION #329 (ISSUED FOR SECONDARY CONTAINMENT FAILURES) IS A REPEAT VIOLATION. NOTE: CONTINUED NON-COMPLIANCE WILL RESULT IN FORMAL ENFORCEMENT. SEE THE OBSERVATION NARRATIVE UNDER #329 FOR ADDITIONAL DETAILS. THE VIOLATION WILL REMAIN OPEN AND THE OWNER WILL REMAIN SUBJECT TO DAILY FINES UNTIL IT IS DETERMINED THAT THE SYSTEM IS OPERATED AS DESIGNED.

Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-30-2020
Citation: 23 CCR 16 2635(e)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(e)(8)
Violation Description: Failure to submit as-built plans for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application.
Violation Notes: Returned to compliance on 09/17/2020. OBSERVATION: Drop Tubes were replaced and re-tested for Overfill Protection on 3/22/2019. As-Built Plans for a permit were never submitted to this Agency. CORRECTIVE ACTION: Submit As-Built plans for the equipment installed and tested on 3/22/2019 within thrity (30) days.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-14-2019
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 03/16/2020. OBSERVATION: Inaccurate Overfill Protection Equipment on CERS. CORRECTIVE ACTION: Update and submit accurate Overfill Protection Equipment via CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-20-2018
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 11/09/2018. OBSERVATION- Some of BEI UDC stand alone sensors failed to detect liquid. Contractor in process of testing and replacement. COMPLIANCE Retest and replacement or repair required within 30 days. Record results on monitoring certification as documentation of correction
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

I-10 TRUCK STOP (Continued) **S113076873**

Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-30-2020
Citation:	23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description:	Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes:	Returned to compliance on 04/20/2020. VIOLATION #1 OBSERVATION: The Beaudreau Sensors in UDCs 1 S (Satellite), 2 S and 6 did not shut down the Dispensers when placed in liquid. CORRECTIVE ACTION: Replace/Repair the sensors and re-test the sensors in UDC 1S, 2S and 6 and send the re-test reaults to this Agency within sixty (60) days. VIOLATION #2 OBSERVATION: Water was observed in UDC #5 which caused the dispenser to shut down. CORRECTIVE ACTION: The sensor was removed and the water was pumped out and the sensor was tested. The sensor shut down the dispners. This violation has been corrected.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-11-2015
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the underground storage tank and/or failure to maintain written monitoring and maintenance records on site, or off site if approved by the CUPA, for a period of 3 years, 6 1/2 years for cathodic protection, and 5 years for written performance claims pertaining to release detection systems and calibration and maintenance records for such systems.
Violation Notes:	Returned to compliance on 04/20/2015. Current work orders not available. Last work orders in binder from 2010.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-26-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 04/20/2014. Failure to have a written monitoring program with monitoring procedures and response plan. (CCR 2632(d)) REQUIREMENT: UPDATE THE MONITORING PLAN AND SUBMIT THE INFORMATION TO CERS WITHIN 30 DAYS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-11-2015
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local

I-10 TRUCK STOP (Continued) **S113076873**

Ordinance only
Violation Notes: Returned to compliance on 04/20/2015. Failure to submit a signed Designated UST Operator Statement (23 CCR 2715(a)) There is no designated operator at this site. Immediately hire a designated operator.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-24-2017
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 05/01/2017. COMPLIANCE ACTIVITY (05/01/2017) FACILITY UPDATED CERS INFORMATION OBSERVATION: THE FOLLOWING INFORMATION MUST BE UPDATED IN THE UST SECTION OF CERS. 1) THE UST INSTALL DATE WAS NOT NOTED. AN INSTALL DATE MUST BE ENTERED IN CERS. 2) THE VOLUME OF THE USE OIL UST WAS NOTED AT 500-GALLONS. AS PER REVIEW OF FILE, THE VOLUME OF THE TANK IS 5,000-GALLONS. COMPLIANCE REQUIREMENT: UPDATE CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-11-2015
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.
Violation Notes: Returned to compliance on 04/20/2015. No monthly inspections have been conducted since 9/29/14. Hire DO, conduct monthly inspection and document training.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 11-19-2015
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Training - General
Violation Notes: Returned to compliance on 03/24/2016. Failure to train facility personnel in hazardous waste management procedures (CCR 66265.16) NO

I-10 TRUCK STOP (Continued) **S113076873**

SAFETY TRAINING DOCUMENTATION WAS OBSERVED.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-15-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: CORRECTIVE ACTION: Provide Designated Operator Training to the employee within thirty (30) days and provide the documentation to this Agency. Informed PTT this date. Training will be conducted and documented. OBSERVATION: Employee Castaneda UST of HMBEP training has not been documented. Individual has been employed over six (6) months. Discussion with employee this date and education provided on emergency plan and location of items on the emergency map.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 11-19-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 03/24/2016. Failure to determine if waste is hazardous waste (CCR 66262.11) A 55-GALLON DRUM UNIDENTIFIED WASTE WAS PRESENT ON SITE.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 10-18-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 03/16/2020. OBSERVATION: Observed (3) 55 gal drums of unknown waste. At the time of inspection, the (3) 55 gal drums were not marked and owner did not know the contents inside the drum. CORRECTIVE ACTION: Identify what the contents inside the drums are and determine if the waste content is hazardous or non-hazardous by determining whether it is included on one of the lists of materials classified as hazardous wastes or meets the criteria for one or more characteristics (i.e., ignitability, reactivity, corrosiveness, or toxicity) that would make it a hazardous waste by either: (1) Having the waste tested by a laboratory certified by the State of California to perform waste determination analyses; or (2) Applying the generatorG s knowledge of the hazardous properties of the waste in

I-10 TRUCK STOP (Continued) **S113076873**

	light of the materials and processes involved in the generation of the waste. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will [Truncated]
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-26-2014
Citation:	HSC 6.7 25299 - California Health and Safety Code, Chapter 6.7, Section(s) 25299
Violation Description:	Failure to comply with one or more of the operating permit conditions.
Violation Notes:	Returned to compliance on 03/11/2015. THE MONITORING SYSTEM CERTIFICATION COULD NOT BE COMPLETED DURING THE INSPECTION. THE WESTERN MOST DISPENSERS HAVE BEEN DISABLED AND DO NOT CURRENTLY HAVE THE CAPACITY TO DISPENSE FUEL. THE LACK OF POWER TO THESE DISPENSERS EXTENDS TO THE STAND ALONE SENSORS IN THE UDC'S; THE SENSORS COULD NOT BE TESTED. ALSO, THE LINE LEAK DETECTOR FOR THE RED DYED DIESEL PRODUCT RUN COULD NOT BE TESTED. ONE RED DYED DISPENSER WAS NON-FUNCTIONAL, THE OTHER COULD NOT BE ACCESSED DUE TO A STRIPPED SHEAR VALVE PLUG. REQUIREMENT: WITHIN 15 DAYS, RESTORE POWER TO THE DISPENSERS AND REPAIR THE SHEAR VALVE FOR THE RED DYED DIESEL DISPENSER. A WITNESSED RETEST TO CONFIRM FUNCTIONALITY OF THESE COMPONENTS WILL BE REQUIRED TO COMPLETE THE CERTIFICATION.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-26-2014
Citation:	HSC 6.7 29291(b) - California Health and Safety Code, Chapter 6.7, Section(s) 29291(b)
Violation Description:	Failure of the UST system to be designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment.
Violation Notes:	Returned to compliance on 03/11/2015. THE DIESEL (A) PRODUCT LINE FAILED THE SECONDARY PRESSURE TEST PERFORMED ON 3/29/13. VIOLATIONS WERE ISSUED FOR CORRECTION ON THAT DAY. NO PLANS FOR REPAIR HAVE BEEN RECEIVED TO DATE (3/26/14). A REASONABLE TIMEFRAME FOR CORRECTIVE ACTION HAS BEEN EXCEEDED. THE SYSTEM DOES NOT CURRENTLY MEET DESIGN AND CONSTRUCTION STANDARDS, AND IS CURRENTLY BEING OPERATED OUT OF COMPLIANCE. REQUIREMENT: IMMEDIATELY TROUBLESHOOT LOCATION OF FAILURE (HELIUM TEST) AND PROVIDE COMPLETE PLANS FOR REPAIR TO THIS DEPARTMENT WITHIN 30 DAYS. NOTE: CONTINUED NON-COMPLIANCE WILL RESULT IN ENFORCEMENT (TO INCLUDE RED TAG APPLICATION OF THE DIESEL "A" TANK). OBTAIN PERMIT FOR MODIFICATION OF THE UST SYSTEM (AS APPLICABLE).
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-14-2019

I-10 TRUCK STOP (Continued) **S113076873**

Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)

Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Returned to compliance on 03/22/2019. OBSERVATION: Tank #3 - Overfill Prevention Equipment was not installed according to manufacturerG s specification and did not pass testing (Red Tag # 2305). Tank #2 G Overfill Prevention Equipment verified that it was functional but missing bottom portion of drop tube (7 day notice). Tank # 1 G Overfill Prevention Equipment was functional but bottom portion of drop tube was loose. CORRECTIVE ACTION: Submit As-Built plans for installation of Overfill Prevention Equipment. Contact OFM office to schedule a witness inspection.

Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-24-2017

Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)

Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).

Violation Notes: Returned to compliance on 05/01/2017. COMPLIANCE ACTIVITY (05/01/2017) FACILITY CERTIFIED RED DIESEL SYSTEM OBSERVATION: DURING THE MONITORING CERTIFICATION, IT WAS DISCOVERED THAT THE RED-DIESEL TURBINE AND UDC 6 & 7 WERE NOT OPERATIONAL. LIQUID SENSORS COULD NOT BE TESTED FOR POSITIVE SHUT DOWN. COMPLIANCE REQUIREMENT: 1)TROUBLESHOOT TURBINE AND UDC FAILURES. CALL DEPARTMENT TO SEE IF A CONSTRUCTION PERMIT IS REQUIRED FOR REPAIRS. 2) WITH IN 30 DAY, CALL FOR A WITNESSED INSPECTION/ FUNCTIONALITY TEST FOR THE RED DIESELS SUMPS AND UDCS 6 & 7.

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Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	11-19-2015
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 03/24/2016. Failure to label hazardous waste containers (CCR 66262.34(f)(3))
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	10-18-2018
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 10/18/2018. OBSERVATION: At the time of inspection, EPA ID# CAL000359508 was inactive. CORRECTIVE ACTION: Violation was corrected on site.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	01-28-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/15/2021. CORRECTIVE ACTION: Update all Hazardous Waste Labels with all required information within thirty (30) days. OBSERVATION: Multiple drums of used oil filters and waste oil were not labeled this date.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	10-18-2018
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents

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to air, soil, or surface water which could threaten human health or the environment.

Violation Notes: Returned to compliance on 03/16/2020. OBSERVATION: At the time of inspection, it was observed that used oil towels are not being serviced by a company and are being disposed of in the trash. CORRECTIVE ACTION: Manage all used oil towels as hazardous waste or used oil towels can also be managed under the exemption for G reusable soiled textile materialsG under section 25144.6 of the Health and Safety Code by an approved laundering company. Submit a signed statement indicating how the used oil towels will be managed.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-20-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 03/16/2020. OBSERVATION: Information in CERS is inaccurate or incomplete. --Tank set date verified in SBCo Files. Please update to 12/18/98. COMPLIANCE: Update CERS in 30 days.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-11-2015
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 04/20/2015. CORRECT REVIEW AND CORRECT TANK INFORMATION - UPLOAD TO CERS
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-15-2021
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description: Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes: CORRECTIVE ACTION: Provide Designated Operator Training to the employee within thirty (30) days and provide the documentation to this Agency. Informed PTT this date and training will be provided. OBSERVATION: Employee Castaneda UST of HMBEP training has not been documented. Individual has been employed over six (6) months. Discussion with employee this date and education provided on emergency plan and location of items on the emergency map.
Violation Division: San Bernardino County Fire Department

I-10 TRUCK STOP (Continued) **S113076873**

Violation Program:	UST
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	01-28-2021
Citation:	HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description:	Failure of a generator of hazardous waste that meets the conditions to be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.
Violation Notes:	Returned to compliance on 02/17/2021. CORRECTIVE ACTION: Obtain and provide manifest records for a minimum of three (3) years to this Agency within thirty (30) days. OBSERVATION: No manifest records could be located this date.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	01-28-2021
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 03/15/2021. CORRECTIVE ACTION: Update and provide training records to this Agency within thirty (30) days. OBSERVATION: Training records could not be located this date.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	01-28-2021
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 02/17/2021. CORRECTIVE ACTION: Have the Waste Oil filters and waste oil hauled off by a licensed hazardous waste hauler or provide information showing that the hazardous waste has been stored on with within the required time within thirty (30) days. OBSERVATION: Hazardous waste manifests could not be located this date. Time on site could not be determined.
Violation Division:	San Bernardino County Fire Department

I-10 TRUCK STOP (Continued) **S113076873**

Violation Program: HW
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 11-19-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 03/24/2016. Failure to manage hazardous waste lawfully (CHSC 25154)
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-11-2015
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of sensor to be located in the proper position/location.
Violation Notes: Returned to compliance on 03/11/2015. VR208 sensor in red dye diesel not at low point. correct today.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-24-2017
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 05/01/2017. COMPLIANCE ACTIVITY (05/01/2017) FACILITY UPDATED CERS INFORMATION OBSERVATION: THE FINANCIAL RESPONSIBILITY MUST BE RE- CERTIFIED YEARLY. 03/16/2016 WAS THE LAST SIGNED/ CERTIFIED DOCUMENT SUBMITTED TO CERS. COMPLIANCE REQUIREMENT: UPDATE CERS WITH CURRENT UST DOCUMENTATION.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-26-2014
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of

I-10 TRUCK STOP (Continued) **S113076873**

capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Violation Notes: Returned to compliance on 03/11/2015. THE MECHANICAL FLAPPER VALVE DID NOT APPEAR TO BE PLACED IN A POSITION TO PROHIBIT THE OVERFILLING OF THE TANK (PAST 95% OF CAPACITY). REQUIREMENT: IMMEDIATELY DETERMINE THE ACCURACY OF THE CURRENT VALVE PLACEMENT WITHIN THE TANK/RISER. IF DETERMINED TO BE POSITIONED INCORRECTLY, REPLACE THE VALVE AND PROVIDE PROOF OF CORRECT PLACEMENT. TO BE VERIFIED DURING RE-INSPECTION.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-15-2021
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: CORRECTIVE ACTION: Repair/replace the Beaudreau stand alone sensor and/or controller box and re-test re-certify and send results to this Agency within thirty (30) days. OBSERVATION: The Beaudreau stand alone sensor did not shut down power to Dispenser #7.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-11-2015
Citation: 23 CCR 16 2638(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(f)
Violation Description: Failure to properly affix tag/sticker on monitoring equipment being certified, repaired, or replaced.
Violation Notes: Returned to compliance on 03/11/2015. No sticker was affixed to the VR350 monitoring. corrected with today’s certification.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Violation Date: 03-11-2015
Citation: HSC 6.7 25299 - California Health and Safety Code, Chapter 6.7, Section(s) 25299
Violation Description: Failure to comply with one or more of the operating permit conditions.
Violation Notes: Returned to compliance on 04/20/2015. Satellite 1 - easternmost BEI sensor could not be certified due to electrical problems. Correct and re certify. No fuel shall be pumped from this dispenser prior to certification.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP

I-10 TRUCK STOP (Continued) **S113076873**

Violation Date:	03-26-2014
Citation:	HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description:	Failure to prepare, maintain, and submit accurate CUPA UST Operating Permit Application for Facility information and/or Tank information.
Violation Notes:	Returned to compliance on 04/20/2014. REQUIREMENT: THE COMPLETE UST APPLICATION PACKAGE (INCLUDING ALL FACILITY AND TANK INFORMATION) MUST BE SUBMITTED TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) WITHIN 30 DAYS. THE DEADLINE TO UPLOAD ALL REQUISITE INFORMATION WAS 12/31/13.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	11-19-2015
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Returned to compliance on 03/24/2016. THERE WERE OMISSIONS IN THE FACILITY HAZARDOUS MATERIAL INVENTORY.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-11-2015
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes:	Returned to compliance on 04/20/2015. Failure to have a written monitoring program with monitoring procedures and response plan. (CCR 2632(d)) REVIEW AND CORRECT MONITORING PLAN INFORMATION UPLOAD TO CERS
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-26-2014
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 04/20/2014. REQUIREMENT: SUBMIT THE MOST CURRENT CERTIFICATE OF FINANCIAL RESPONSIBILITY TI CERS WITHIN 30 DAYS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	01-28-2021

I-10 TRUCK STOP (Continued) **S113076873**

Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 02/17/2021. CORRECTIVE ACTION: Dispose of oil filters and hazardous waste and store hazardous waste drums closed during storage. OBSERVATION: Multiple waste oil filter drums and containers were observed over filed on on the ground.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-26-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 04/20/2014. Failure to submit a signed Designated UST Operator Statement (23 CCR 2715(a)) REQUIREMENT: SUBMIT THE MOST CURRENT DESIGNATED OPERATOR STATEMENT TO CERS WITHIN 30 DAYS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	11-19-2015
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 03/24/2016. ACCUMULATION START DATE WAS LACKING ON USED OIL FILTER CONTAINERS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394982
Site Name:	I-10 TRUCK STOP
Violation Date:	03-15-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	CORRECTIVE ACTION: Store the waste filters and waste oil liquid in drums with lids and labels and send photos this this Agency within thirty (30) days. Properly manage the waste oily liquid accumulating in the empty drums. OBSERVATION: Four (4) drums were observed with waste oil filters and no lids or proper labels. Multiple containers

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were observed fill with waste oily liquid dur to rain. Previous violation wastes were picked up and manifests provided. This is a new violation being issued by this Agency. Photos taken this date.

Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HAZ WASTE AND HAZMAT INSPECTIONS AND COMPLIANT COMP 49841 INVESTIGATION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-15-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: ANNUAL UST INSPECTION HM HW FOLLOW UP INSPECTIONS
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-24-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 3-year test. Testing in progress.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ANNUAL UST INSPECTION HM HW FOLLOW UP INSPECTIONS
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2018
Violations Found: Yes

I-10 TRUCK STOP (Continued) **S113076873**

Eval Type:	Routine done by local agency
Eval Notes:	I-10 truck stop annual ust inspection
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-24-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	I-10 truck stop - no violations of monitoring equipment observed. cleared outstanding haz waste violations
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-18-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-19-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	REGULAR INSPECTION.
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-19-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	REGULAR INSPECTION.
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-14-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	WITNESS SETUP OF SB 989 TESTING: PRECISION HYDROSTATIC, 1/16 MEASUREMENT STICK METHOD, VACUUM, AND PRESSURE TESTINGS
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-15-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

I-10 TRUCK STOP (Continued) **S113076873**

Eval Notes:	3 YEAR OVERFILL INSPECTION - Mechanical Flappers - PASS - Next Due March 2024
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-24-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	I-10 TRUCK STOP- UST INSPECTION & UST MONITORING CERTIFICATION
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	UST FIELD INSPECTION-ANNUAL MONITORING SYSTEM CERTIFICATION (4 TANKS) W/DAN HARRIS. EXTENDED TIME ONSITE WAS DUE TO MULTIPLE DELAYS
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-30-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	UST ANNUAL INSPECTION
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-18-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-28-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HAZ WASTE AND HAZMAT INSPECTIONS AND COMPLIANT COMP 49841 INVESTIGATION
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-11-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency

I-10 TRUCK STOP (Continued) **S113076873**

Eval Notes: Monitoring Certification
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-14-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: OVERFILL PREVENTION EQUIPMENT TESTING: TANK #3 - RED TAG
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-15-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: ANNUAL UST INSPECTION HM HW FOLLOW UP INSPECTIONS
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-01-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: I-10 TRUCK STOP- UST RE-INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Enforcement Action:
Site ID: 394982
Site Name: I-10 TRUCK STOP
Site Address: 195 E VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 03-11-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Site Address: 195 E VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 03-24-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST

I-10 TRUCK STOP (Continued) **S113076873**

Enf Action Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Site Address: 195 E VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 03-26-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Site Address: 195 E VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 11-19-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 394982
Site Name: I-10 TRUCK STOP
Site Address: 195 E VALLEY BLVD
Site City: RIALTO
Site Zip: 92376
Enf Action Date: 11-19-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:
Site ID: 394982
Facility Name: I-10 TRUCK STOP
Env Int Type Code: HMBP
Program ID: 10040530
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.069790
Longitude: -117.368279

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street

I-10 TRUCK STOP (Continued) **S113076873**

Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401
Affiliation Type Desc:	Environmental Contact
Entity Name:	ED BOULIS
Entity Title:	Not reported
Affiliation Address:	195 E VALLEY BLVD
Affiliation City:	RIALTO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92376
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Owner
Entity Name:	M&M Truck Stop, Inc.
Entity Title:	Not reported
Affiliation Address:	195 East Valley Blvd.
Affiliation City:	Rialto
Affiliation State:	Ca
Affiliation Country:	United States
Affiliation Zip:	92376
Affiliation Phone:	(909) 877-1171
Affiliation Type Desc:	Document Preparer
Entity Name:	Dan Harris
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	I-10 Truck Stop
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	I-10
Entity Title:	Not reported
Affiliation Address:	195 East Valley Blvd.
Affiliation City:	Rialto
Affiliation State:	Ca
Affiliation Country:	United States
Affiliation Zip:	92376
Affiliation Phone:	(909) 877-1171
Affiliation Type Desc:	Identification Signer

I-10 TRUCK STOP (Continued) **S113076873**

Entity Name:	ED BOULIS
Entity Title:	PRESIDENT
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	ED BOULIS
Entity Title:	Not reported
Affiliation Address:	195 E VALLEY BLVD
Affiliation City:	RIALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92376-9237
Affiliation Phone:	(909) 877-1171
Affiliation Type Desc:	Property Owner
Entity Name:	Ed Boulis
Entity Title:	Not reported
Affiliation Address:	195 E VALLEY BLVD
Affiliation City:	RIALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92376
Affiliation Phone:	(909) 877-1171
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	M&M Truck Stop, Inc.
Entity Title:	Not reported
Affiliation Address:	195 East Valley Blvd.
Affiliation City:	Rialto
Affiliation State:	Ca
Affiliation Country:	United States
Affiliation Zip:	92376
Affiliation Phone:	(909) 877-1171
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	195 E VALLEY BLVD
Affiliation City:	RIALTO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92376
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	ED BOULIS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

I-10 TRUCK STOP (Continued) **S113076873**

Affiliation Phone: (909) 877-1171

HWTS:

Name:	I-10 TRUCK STOP
Address:	195 E VALLEY BLVD
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
EPA ID:	CAL000140570
Inactive Date:	06/30/2003
Create Date:	08/21/1998
Last Act Date:	04/13/2010
Mailing Name:	Not reported
Mailing Address:	195 E VALLEY BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 923760000
Owner Name:	LUCIA HONG
Owner Address:	195 E VALLEY BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 923760000
Contact Name:	JILL YI-MGR
Contact Address:	195 E VALLEY BLVD
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000

NAICS:

EPA ID:	CAL000140570
Create Date:	2002-03-14 16:36:28.000
NAICS Code:	44719
NAICS Description:	Other Gasoline Stations
Issued EPA ID Date:	1998-08-21 00:00:00
Inactive Date:	2003-06-30 00:00:00
Facility Name:	I-10 TRUCK STOP
Facility Address:	195 E VALLEY BLVD
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	923760000

L85 **10-10 TRUCK STOP** **CA FID UST** **S101591815**
East **195 E VALLEY RIALTO CA** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.245 mi.
1294 ft. **Site 5 of 8 in cluster L**

Relative:
Higher

Actual:
1065 ft.

CA FID UST:

Facility ID:	36009174
Regulated By:	UTNKA
Regulated ID:	00057683
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	195 E VALLEY RIALTO CA
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIALTO 92376

10-10 TRUCK STOP (Continued) **S101591815**

Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

L86 **I 10 TRUCK STOP** **RCRA NonGen / NLR** **1024828187**
East **195 E VALLEY BLVD** **CAL000359508**
1/8-1/4 **RIALTO, CA 92376**
0.245 mi.
1294 ft. **Site 6 of 8 in cluster L**

Relative: **Higher**
Actual: **1065 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20101217
Handler Name:	I 10 TRUCK STOP	
Handler Address:		195 E VALLEY BLVD
Handler City,State,Zip:		RIALTO, CA 92376-7732
EPA ID:		CAL000359508
Contact Name:		ED BOULIS
Contact Address:		195 E VALLEY BLVD
Contact City,State,Zip:		RIALTO, CA 92376
Contact Telephone:		909-576-0939
Contact Fax:		909-877-6082
Contact Email:		EMADBOULIS@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		195 E VALLEY BLVD
Mailing City,State,Zip:		RIALTO, CA 92376-7732
Owner Name:		M & M TRUCK STOP INC
Owner Type:		Other
Operator Name:		ED BOULIS
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

I 10 TRUCK STOP (Continued) **1024828187**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ED BOULIS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	195 E VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376
Owner/Operator Telephone:	909-576-0939
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	M & M TRUCK STOP INC
Legal Status:	Other

I 10 TRUCK STOP (Continued) **1024828187**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	195 E VALLEY BLVD
Owner/Operator City,State,Zip:	RIALTO, CA 92376-7732
Owner/Operator Telephone:	909-877-1171
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20101217
Handler Name: I 10 TRUCK STOP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44719
NAICS Description:	OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

L87 **10-10 TRUCK STOP** **CA HIST UST** **U001575515**
East **195 E VALLEY RIALTO** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.245 mi.
1294 ft. **Site 7 of 8 in cluster L**

Relative: HIST UST:
Higher

Actual: Name:	10-10 TRUCK STOP
1065 ft. Address:	195 E VALLEY RIALTO
City,State,Zip:	RIALTO, CA 92376
File Number:	0002A51D
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A51D.pdf
Region:	STATE
Facility ID:	00000057683
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	7148771171
Owner Name:	ROBERT W. CASTALOI
Owner Address:	195 E. VALLEY
Owner City,St,Zip:	RIALTO, CA 92376
Total Tanks:	0005

10-10 TRUCK STOP (Continued) **U001575515**

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Pressure Test

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

L88 **I-10 TRUCK STOP** **CA UST** **U004061579**
East **195 E VALLEY BLVD** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.245 mi.
1294 ft. **Site 8 of 8 in cluster L**

Relative: UST:
Higher

Name:	I-10 TRUCK STOP
Address:	195 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Facility ID:	FA0003905

Actual:
1065 ft.

I-10 TRUCK STOP (Continued) **U004061579**

Permitting Agency: San Bernardino County Fire Department
CERSID: 10040530
Latitude: 34.069798
Longitude: -117.368286

M89 **W C BROWN WELDING INC** **CA CPS-SLIC** **S101591121**
North **1485 S WILLOW AVE** **CA SWEEPS UST** **N/A**
1/4-1/2 **RIALTO, CA 92376** **CA FID UST**
0.287 mi. **CA San Bern. Co. Permit**
1515 ft. **Site 1 of 2 in cluster M** **CA CERS**
CA HWTS

Relative:
Higher

Actual:
1084 ft.

CPS-SLIC:

Name:	RIALTO GATEWAY REDEVELOPMENT PROJECT
Address:	1485 S. WILLOW AVE
City,State,Zip:	RIALTO, CA 92376
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/21/2013
Global Id:	T10000001676
Lead Agency:	SAN BERNARDINO COUNTY
Lead Agency Case Number:	RO0001336V
Latitude:	34.074556
Longitude:	-117.373502
Case Type:	Cleanup Program Site
Case Worker:	CB
Local Agency:	SAN BERNARDINO COUNTY
RB Case Number:	Not reported
File Location:	Local Library
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon, Other Metal, Other Petroleum
Site History:	The City of Rialto (City) Redevelopment Agency is applying for a $200,000 EPA Brownfield Cleanup Grant to mitigate contamination at a 4.76-acre site located at 1485 S. Willow Avenue, Rialto, California within the Rialto Redevelopment Agencys Gateway Redevelopment Project Area. The City acquired the property on September 15, 2008 after completing Phase I and Phase II Environmental Site Assessments on the property. The Citys goal is to remediate and prepare the Site for a redevelopment project that will involve the consolidation of the Site with the adjacent 13.5 acres of land, which is also under City ownership. The Phase I identified 11 Areas of Concern. The Phase II investigated these 11 areas and identified 3 areas that will require the removal of contaminated soils, additional remedial excavation of buried materials, and removal and disposal of asbestos construction materials and lead based paint. The Regional Water Quality Control Board encourages the City in its efforts to identify and remediate contaminated properties within redevelopment areas of the City. We also recognize the value of mitigating contamination to allow for redevelopment of blighted areas. Therefore, we support your EPA Brownfield Cleanup Grant application and will cooperate with the City to resolve potential contamination issues in order to facilitate the incorporation of the 4.76-acre site into the Rialto Gateway Redevelopment Project. The City of Rialto (City) Redevelopment Agency is applying for a $400,000 EPA Brownfield Assessment Grant to assist in the investigation of various brownfield sites that exist within the community. The City will use the grant funds to inventory, characterize, assess, and conduct cleanup planning on targeted

W C BROWN WELDING INC (Continued) **S101591121**

brownfield sites that are located within the historic rail transport center and the older downtown central business district, along Foothill Boulevard (Historic Route 66), as well as other sites in the community that may be identified and selected as a result of the community outreach and participation process. If the grant is awarded, the City will use the grant funds to hire certified environmental professionals to prepare Phase I and Phase II site investigations on previously developed brownfield sites within the community. Based upon the size of the grant, the City anticipates that it will be able to investigate between 10 to 20 brownfield sites in the community depending upon the size and scope of the investigations. The Regional Water Quality Control Board recognizes the need to identify historical sources of contamination in our Region that may have contributed to groundwater contamination. The Regional Water Quality Control Board encourages the City in its efforts to identify and remediate contaminated properties within redevelopment areas of the City. We, therefore, support your EPA Brownfield Assessment Grant application and will cooperate with the City to resolve potential contamination issues. In this manner, the City will be able to facilitate redevelopment of various sites in the community, including sites along historic Route 66.

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:

Name:	HALSEY MACHINERY
Address:	1485 S WILLOW
City:	RIALTO
Status:	Not reported
Comp Number:	27957
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-027957-000001
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	1

Name:	HALSEY MACHINERY
Address:	1485 S WILLOW
City:	RIALTO
Status:	Active
Comp Number:	27957
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-10-91
Action Date:	09-10-91
Created Date:	09-14-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported

W C BROWN WELDING INC (Continued) **S101591121**

Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 36001650
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7148771660
Mail To: Not reported
Mailing Address: 1485 S WILLOW
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

San Bern. Co. Permit:
Name: W C BROWN WELDING INC
Address: 1485 S WILLOW AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0007177
Owner: WINSTON C. BROWN
Permit Number: PT0002011
Permit Category: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Facility Status: INACTIVE
Expiration Date: 11/30/2013

Name: RIALTO 2 REBUILD CA
Address: 1485 S WILLOW AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0011709
Owner: AMERICAN TOWER CORPORATION
Permit Number: PT0020292
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: INACTIVE
Expiration Date: 08/31/2013

Name: W C BROWN WELDING INC
Address: 1485 S WILLOW AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0007177
Owner: WINSTON C. BROWN

W C BROWN WELDING INC (Continued) **S101591121**

Permit Number: PT0002012
Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)
Facility Status: INACTIVE
Expiration Date: 11/30/2012

Name: PLASTIC PILINGS, INC
Address: 1485 S WILLOW AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0010122
Owner: PLASTIC PILINGS, INC
Permit Number: PT0022075
Permit Category: HAZARDOUS WASTE GENERATOR - 0-10 EMPLOYEES
Facility Status: INACTIVE
Expiration Date: 01/31/2010

Name: PLASTIC PILINGS, INC
Address: 1485 S WILLOW AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0010122
Owner: PLASTIC PILINGS, INC
Permit Number: PT0017288
Permit Category: HAZMAT HANDLER 11-25 EMPLOYEES
Facility Status: INACTIVE
Expiration Date: 01/31/2009

CERS:
Name: RIALTO GATEWAY REDEVELOPMENT PROJECT
Address: 1485 S. WILLOW AVE
City,State,Zip: RIALTO, CA 92376
Site ID: 200105
CERS ID: T10000001676
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

Affiliation Type Desc: Local Agency Caseworker
Entity Name: CURTIS BRUNDAGE - SAN BERNARDINO COUNTY
Entity Title: Not reported
Affiliation Address: 620 S. E STREET
Affiliation City: SAN BERNARDINO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

W C BROWN WELDING INC (Continued) **S101591121**

HWTS:

Name:	W C BROWN WELDING INC
Address:	1485 S WILLOW AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
EPA ID:	CAL000125413
Inactive Date:	06/30/2005
Create Date:	05/13/1996
Last Act Date:	04/11/2006
Mailing Name:	Not reported
Mailing Address:	1485 S WILLOW AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 923760000
Owner Name:	W C BROWN
Owner Address:	1485 S WILLOW AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 923767719
Contact Name:	WINSTON BROWN
Contact Address:	1485 S WILLOW AVE
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923767719

M90 **WDLJ SOUTH PROPERTY** **CA ENVIROSTOR** **S118757254**
North **1485 SOUTH WILLOW STREET** **N/A**
1/4-1/2 **RIALTO, CA 92316**
0.287 mi.
1515 ft. **Site 2 of 2 in cluster M**

Relative:
Higher

Actual:
1084 ft.

ENVIROSTOR:

Name:	WDLJ SOUTH PROPERTY
Address:	1485 SOUTH WILLOW STREET
City,State,Zip:	RIALTO, CA 92316
Facility ID:	60001766
Status:	No Action Required
Status Date:	09/23/2013
Site Code:	401620
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	8.17
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Eileen Mananian
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	62, 47
Senate:	20
Special Program:	EPA - Target Site Investigation
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	34.07455
Longitude:	-117.3735
APN:	NONE SPECIFIED
Past Use:	WASTE - SEWAGE TREATMENT PLANT
Potential COC:	Lead Polychlorinated biphenyls (PCBs Tetrachloroethylene (PCE Cadmium and compounds PCBs (unspeciated mixture, high risk, e.g.

WDLJ SOUTH PROPERTY (Continued) **S118757254**

Aroclor 1254 Benzo[a]pyrene
Confirmed COC: Lead Tetrachloroethylene (PCE PCBs (unspeciated mixture, high risk, e.g. Aroclor 1254 Cadmium and compounds Benzo[a]pyrene Polychlorinated biphenyls (PCBs
Potential Description: SOIL, SV
Alias Name: 401620
Alias Type: Project Code (Site Code)
Alias Name: 60001766
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/20/2008
Comments: Document prepared by the City of Rialto Redevelopment Agency (former) and was submitted to DTSC for review in preparation for additional investigation under the TSI Grant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 06/30/2012
Comments: TSI Application received by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/16/2013
Comments: Workplan approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/01/2013
Comments: TSI Report submitted for DTSC review. Upon review DTSC determined that all work had been completed as outlined in the Workplan and all deviations were noted. DTSC has no comments on the Report and therefore approves the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/03/2012
Comments: Letter sent to TSI applicant notifying them of being awarded TSI funds for their project.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

91
ENE
1/4-1/2
0.293 mi.
1548 ft.

Relative:
Higher

Actual:
1065 ft.

I-10 TRUCK STOP
195 E VALLEY BLVD
RIALTO, CA 92376

Database(s): **CA LUST**, **CA SWEEPS UST**, **CA Cortese**, **CA San Bern. Co. Permit**, **CA CERS**, **CA HWTS**

EDR ID Number: **U003784644**
EPA ID Number: **N/A**

LUST:

Name:	I-10 TRUCK STOP
Address:	195 EAST VALLEY BLVD.
City,State,Zip:	RIALTO, CA 92376
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000007268
Global Id:	T10000007268
Latitude:	34.07016
Longitude:	-117.36814
Status:	Completed - Case Closed
Status Date:	06/23/2016
Case Worker:	Not reported
RB Case Number:	083603864T
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

LUST:

Global Id:	T10000007268
Action Type:	ENFORCEMENT
Date:	08/03/2015
Action:	Referral to Regional Board
Global Id:	T10000007268
Action Type:	ENFORCEMENT
Date:	01/28/2016
Action:	Staff Letter
Global Id:	T10000007268
Action Type:	ENFORCEMENT
Date:	04/11/2016
Action:	Notification - Public Notice of Case Closure
Global Id:	T10000007268
Action Type:	ENFORCEMENT
Date:	06/17/2016
Action:	Email Correspondence
Global Id:	T10000007268
Action Type:	RESPONSE
Date:	10/21/2015
Action:	Email Correspondence
Global Id:	T10000007268
Action Type:	RESPONSE
Date:	11/18/2015
Action:	Email Correspondence
Global Id:	T10000007268

I-10 TRUCK STOP (Continued) **U003784644**

Action Type: RESPONSE
Date: 10/28/2015
Action: Email Correspondence

Global Id: T10000007268
Action Type: RESPONSE
Date: 10/30/2015
Action: Preliminary Site Assessment Report

Global Id: T10000007268
Action Type: Other
Date: 02/17/2015
Action: Leak Discovery

Global Id: T10000007268
Action Type: ENFORCEMENT
Date: 06/23/2016
Action: Closure/No Further Action Letter

Global Id: T10000007268
Action Type: Other
Date: 08/03/2015
Action: Leak Reported

Global Id: T10000007268
Action Type: ENFORCEMENT
Date: 08/25/2015
Action: Notice of Responsibility

Global Id: T10000007268
Action Type: ENFORCEMENT
Date: 10/09/2015
Action: Meeting

Global Id: T10000007268
Action Type: RESPONSE
Date: 11/20/2015
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000007268
Action Type: RESPONSE
Date: 12/18/2015
Action: Preliminary Site Assessment Report - Regulator Responded

LUST:
Global Id: T10000007268
Status: Open - Case Begin Date
Status Date: 02/17/2015

Global Id: T10000007268
Status: Open - Site Assessment
Status Date: 08/12/2015

Global Id: T10000007268
Status: Open - Eligible for Closure
Status Date: 01/28/2016

I-10 TRUCK STOP (Continued) **U003784644**

Global Id: T10000007268
Status: Completed - Case Closed
Status Date: 06/23/2016

SWEEPS UST:
Name: 10-10 TRUCK STOP
Address: 195 E VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 8453
Number: 2
Board Of Equalization: Not reported
Referral Date: 06-30-94
Action Date: 06-30-94
Created Date: 06-30-94
Owner Tank Id: 1
SWRCB Tank Id: 36-000-008453-000001
Tank Status: A
Capacity: 10000
Active Date: 06-30-94
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 5

Name: 10-10 TRUCK STOP
Address: 195 E VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 8453
Number: 2
Board Of Equalization: Not reported
Referral Date: 06-30-94
Action Date: 06-30-94
Created Date: 06-30-94
Owner Tank Id: 2
SWRCB Tank Id: 36-000-008453-000002
Tank Status: A
Capacity: 12000
Active Date: 06-30-94
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: 10-10 TRUCK STOP
Address: 195 E VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 8453
Number: 2
Board Of Equalization: Not reported
Referral Date: 06-30-94
Action Date: 06-30-94
Created Date: 06-30-94
Owner Tank Id: 3

I-10 TRUCK STOP (Continued) **U003784644**

SWRCB Tank Id: 36-000-008453-000003
Tank Status: A
Capacity: 10000
Active Date: 06-30-94
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: 10-10 TRUCK STOP
Address: 195 E VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 8453
Number: 2
Board Of Equalization: Not reported
Referral Date: 06-30-94
Action Date: 06-30-94
Created Date: 06-30-94
Owner Tank Id: 4
SWRCB Tank Id: 36-000-008453-000004
Tank Status: A
Capacity: 10000
Active Date: 06-30-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: 10-10 TRUCK STOP
Address: 195 E VALLEY BLVD
City: RIALTO
Status: Active
Comp Number: 8453
Number: 2
Board Of Equalization: Not reported
Referral Date: 06-30-94
Action Date: 06-30-94
Created Date: 06-30-94
Owner Tank Id: 5
SWRCB Tank Id: 36-000-008453-000005
Tank Status: A
Capacity: 12000
Active Date: 06-30-94
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CORTESE:
Name: I-10 TRUCK STOP
Address: 195 EAST VALLEY BLVD.
City,State,Zip: RIALTO, CA 92376
Region: CORTESE
Envirostor Id: Not reported
Global ID: T10000007268
Site/Facility Type: LUST CLEANUP SITE

I-10 TRUCK STOP (Continued) **U003784644**

Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

San Bern. Co. Permit:

Name:	I-10 TRUCK STOP
Address:	195 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0003905
Owner:	Ed Boulis
Permit Number:	PT0012205
Permit Category:	REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status:	ACTIVE
Expiration Date:	10/31/2021

Name:	I-10 TRUCK STOP
Address:	195 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0003905
Owner:	Ed Boulis
Permit Number:	PT0012206
Permit Category:	REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status:	ACTIVE
Expiration Date:	10/31/2021

Name:	I-10 TRUCK STOP
Address:	195 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0003905
Owner:	Ed Boulis
Permit Number:	PT0012207
Permit Category:	REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status:	ACTIVE
Expiration Date:	10/31/2021

Name:	I-10 TRUCK STOP
Address:	195 E VALLEY BLVD
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0003905

I-10 TRUCK STOP (Continued) **U003784644**

Owner: Ed Boulis
Permit Number: PT0012208
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 10/31/2021

Name: I-10 TRUCK STOP
Address: 195 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0003905
Owner: Ed Boulis
Permit Number: PT0002005
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: ACTIVE
Expiration Date: 10/31/2021

Name: I-10 TRUCK STOP
Address: 195 E VALLEY BLVD
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0003905
Owner: Ed Boulis
Permit Number: PT0002004
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 10/31/2021

CERS:
Name: I-10 TRUCK STOP
Address: 195 EAST VALLEY BLVD.
City,State,Zip: RIALTO, CA 92376
Site ID: 356116
CERS ID: T10000007268
CERS Description: Leaking Underground Storage Tank Cleanup Site

HWTS:
Name: I-10 TRUCK STOP
Address: 195 E VALLEY BLVD
Address 2: Not reported
City,State,Zip: RIALTO, CA 92376
EPA ID: CAC002577312
Inactive Date: 12/28/2004
Create Date: 05/06/2004
Last Act Date: 12/28/2004
Mailing Name: Not reported
Mailing Address: 195 E VALLEY BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: RIALTO, CA 92376
Owner Name: NASSEEM FARAG
Owner Address: 195 E VALLEY BLVD
Owner Address 2: Not reported
Owner City,State,Zip: RIALTO, CA 92376
Contact Name: ED CIELY
Contact Address: 195 E VALLEY BLVD
Contact Address 2: Not reported

I-10 TRUCK STOP (Continued) **U003784644**

City,State,Zip: RIALTO, CA 92376

92
SE
1/4-1/2
0.387 mi.
2042 ft.

Relative: Lower

Actual: 1034 ft.

SOUTHERN PACIFIC RAILYARD
200 MARION WAY
BLOOMINGTON, CA 92316

CA LUST **S100676364**
CA Toxic Pits **N/A**
CA SWEEPS UST
CA Cortese
CA EMI
CA HIST CORTESE
CA CERS

LUST:

Name:	SOUTHERN PACIFIC RAILYARD
Address:	200 MARION WAY
City,State,Zip:	BLOOMINGTON, CA 92316
Lead Agency:	SAN BERNARDINO COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100106
Global Id:	T0607100106
Latitude:	34.0665474
Longitude:	-117.3680969
Status:	Completed - Case Closed
Status Date:	03/28/1991
Case Worker:	CR2
RB Case Number:	083600986T
Local Agency:	SAN BERNARDINO COUNTY
File Location:	Local Agency
Local Case Number:	87003
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0607100106
Contact Type:	Local Agency Caseworker
Contact Name:	CATHERINE RICHARDS
Organization Name:	SAN BERNARDINO COUNTY
Address:	620 SOUTH E STREET
City:	SAN BERNARDINO
Email:	crichards@sbcfire.org
Phone Number:	9093868419

Global Id:	T0607100106
Contact Type:	Regional Board Caseworker
Contact Name:	PATRICIA HANNON
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	patricia.hannon@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0607100106
Action Type:	Other
Date:	03/22/1988
Action:	Leak Stopped

Global Id:	T0607100106
Action Type:	ENFORCEMENT

SOUTHERN PACIFIC RAILYARD (Continued) **S100676364**

Date: 03/28/1991
Action: Closure/No Further Action Letter

Global Id: T0607100106
Action Type: Other
Date: 07/20/1988
Action: Leak Discovery

Global Id: T0607100106
Action Type: Other
Date: 07/21/1988
Action: Leak Reported

LUST:
Global Id: T0607100106
Status: Open - Case Begin Date
Status Date: 03/22/1988

Global Id: T0607100106
Status: Open - Site Assessment
Status Date: 08/24/1988

Global Id: T0607100106
Status: Completed - Case Closed
Status Date: 03/28/1991

LUST REG 8:

Name:	SOUTHERN PACIFIC RAILYARD
Address:	200 MARION WAY
City:	BLOOMINGTON
Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083600986T
Local Case Num:	87003
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	ONE SPOT
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0607100106
How Stopped Date:	3/22/1988
Enter Date:	8/24/1988
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	7/20/1988
Enforcement Date:	Not reported
Close Date:	3/28/1991

SOUTHERN PACIFIC RAILYARD (Continued) **S100676364**

Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	8/24/1988
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	8/24/1988
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.0672235
Longitude:	-117.3679377
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	PAH
Staff Initials:	CR2
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

TOXIC PITS:

Region:	08
Task #:	88005
Owner:	SOUTHERN PACIFIC TRANS. CO.
1/2 Mi Limit:	Y
Num. of Pits:	1
Cease Discharge Due:	06/30/90
Cease Discharge Complete:	04/11/89
Closure Due:	06/30/90
Closure Completed:	**02/21/91**
Status:	CLOSED
Hydro Geological Assessment Report Due:	/ /
Final Hydro Geological Assessment Review Completed:	/ /

SWEEPS UST:

Name:	SOUTHERN PACIFIC TRAN/CLT
Address:	200 MARION WAY
City:	BLOOMINGTON
Status:	Active
Comp Number:	5231
Number:	1
Board Of Equalization:	44-019903
Referral Date:	03-19-92
Action Date:	03-19-92

SOUTHERN PACIFIC RAILYARD (Continued) **S100676364**

Created Date:	09-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-005231-000001
Tank Status:	A
Capacity:	1
Active Date:	09-13-88
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	1

CORTESE:

Name:	SOUTHERN PACIFIC RAILYARD
Address:	200 MARION WAY
City,State,Zip:	BLOOMINGTON, CA 92316
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607100106
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	SO PACIFIC TRANS CO, ELEC & ME
Address:	200 MARION WAY
City,State,Zip:	BLOOMINGTON, CA 92316
Year:	1987
County Code:	36
Air Basin:	SC
Facility ID:	1625
Air District Name:	SC
SIC Code:	4463
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

SOUTHERN PACIFIC RAILYARD (Continued) **S100676364**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HIST CORTESE:

edr_fname:	SOUTHERN PACIFIC RAILYARD
edr_fadd1:	200 MARION
City,State,Zip:	BLOOMINGTON, CA 92316
Region:	CORTESE
Facility County Code:	36
Reg By:	LTNKA
Reg Id:	083600986T

CERS:

Name:	SOUTHERN PACIFIC RAILYARD
Address:	200 MARION WAY
City,State,Zip:	BLOOMINGTON, CA 92316
Site ID:	192936
CERS ID:	T0607100106
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	CATHERINE RICHARDS - SAN BERNARDINO COUNTY
Entity Title:	Not reported
Affiliation Address:	620 SOUTH E STREET
Affiliation City:	SAN BERNARDINO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9093868419

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	PATRICIA HANNON - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

93
ENE
1/4-1/2
0.431 mi.
2278 ft.

TELCO FOODS
2111 VALLEY BOULEVARD WEST
COLTON, CA 92324

CA LUST **S108723555**
CA Cortese **N/A**
CA CERS

Relative:
Higher

Actual:
1077 ft.

LUST:

Name:	TELCO FOODS
Address:	2111 VALLEY BOULEVARD WEST
City,State,Zip:	COLTON, CA 92324
Lead Agency:	SAN BERNARDINO COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607105014
Global Id:	T0607105014
Latitude:	34.071483
Longitude:	-117.365655

TELCO FOODS (Continued) **S108723555**

Status: Completed - Case Closed
Status Date: 07/30/2007
Case Worker: JC
RB Case Number: Not reported
Local Agency: SAN BERNARDINO COUNTY
File Location: Local Agency
Local Case Number: 2006010
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607105014
Contact Type: Local Agency Caseworker
Contact Name: JACKSON CRUTSINGER
Organization Name: SAN BERNARDINO COUNTY
Address: 620 SOUTH E STREET
City: SAN BERNARDINO
Email: jcrutsinger@sbcfire.org
Phone Number: Not reported

Global Id: T0607105014
Contact Type: Regional Board Caseworker
Contact Name: Ken Williams
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: ken.williams@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0607105014
Action Type: ENFORCEMENT
Date: 07/30/2007
Action: Closure/No Further Action Letter

Global Id: T0607105014
Action Type: Other
Date: 04/30/1997
Action: Leak Discovery

Global Id: T0607105014
Action Type: Other
Date: 11/21/2006
Action: Leak Reported

Global Id: T0607105014
Action Type: REMEDIATION
Date: 12/07/2006
Action: Not reported

LUST:
Global Id: T0607105014
Status: Open - Case Begin Date
Status Date: 04/30/1997

Global Id: T0607105014

TELCO FOODS (Continued) **S108723555**

Status: Open - Site Assessment
Status Date: 12/07/2006

Global Id: T0607105014
Status: Completed - Case Closed
Status Date: 07/30/2007

CORTESE:
Name: TELCO FOODS
Address: 2111 VALLEY BOULEVARD WEST
City,State,Zip: COLTON, CA 92324
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607105014
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: TELCO FOODS
Address: 2111 VALLEY BOULEVARD WEST
City,State,Zip: COLTON, CA 92324
Site ID: 198652
CERS ID: T0607105014
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACKSON CRUTSINGER - SAN BERNARDINO COUNTY
Entity Title: Not reported
Affiliation Address: 620 SOUTH E STREET
Affiliation City: SAN BERNARDINO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Ken Williams - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500

TELCO FOODS (Continued) **S108723555**

Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

94
West
1/2-1
0.504 mi.
2660 ft.

CACTUS MIDDLE SCHOOL
VALLEY BOULEVARD/CACTUS AVENUE
RIALTO, CA 92316

CA ENVIROSTOR **S105628851**
CA SCH **N/A**
CA CERS

Relative:
Higher

Actual:
1086 ft.

ENVIROSTOR:
Name: CACTUS MIDDLE SCHOOL
Address: VALLEY BOULEVARD/CACTUS AVENUE
City,State,Zip: RIALTO, CA 92316
Facility ID: 36010034
Status: No Further Action
Status Date: 08/29/2002
Site Code: 404329
Site Type: School Investigation
Site Type Detailed: School
Acres: 17
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 47
Senate: 20
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.07078
Longitude: -117.3822
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV
Alias Name: CACTUS MIDDLE SCHOOL
Alias Type: Alternate Name
Alias Name: COLTON JOINT UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: COLTON JOINT USD-PRPSD MID SCL VLLEY BLV
Alias Type: Alternate Name
Alias Name: 404329
Alias Type: Project Code (Site Code)
Alias Name: 36010034
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report

CACTUS MIDDLE SCHOOL (Continued) **S105628851**

Completed Date: 03/16/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 08/04/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/26/2002
Comments: Phase 1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/24/2002
Comments: Preliminary Soils Sampling

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/07/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 08/29/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: CACTUS MIDDLE SCHOOL
Address: VALLEY BOULEVARD/CACTUS AVENUE
City,State,Zip: RIALTO, CA 92316
Facility ID: 36010034
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 17
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC

CACTUS MIDDLE SCHOOL (Continued) **S105628851**

Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404329
Assembly:	47
Senate:	20
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	08/29/2002
Restricted Use:	NO
Funding:	School District
Latitude:	34.07078
Longitude:	-117.3822
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SV
Alias Name:	CACTUS MIDDLE SCHOOL
Alias Type:	Alternate Name
Alias Name:	COLTON JOINT UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	COLTON JOINT USD-PRPSD MID SCL VLLEY BLV
Alias Type:	Alternate Name
Alias Name:	404329
Alias Type:	Project Code (Site Code)
Alias Name:	36010034
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/16/2005
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	08/04/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	04/26/2002
Comments:	Phase 1
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	04/24/2002
Comments:	Preliminary Soils Sampling
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/07/2005

CACTUS MIDDLE SCHOOL (Continued) **S105628851**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 08/29/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS:
Name: CACTUS MIDDLE SCHOOL
Address: VALLEY BOULEVARD/CACTUS AVENUE
City,State,Zip: RIALTO, CA 92316
Site ID: 335453
CERS ID: 36010034
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: JAVIER HINOJOSA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

---

95 WNW 1/2-1 0.524 mi. 2765 ft.

Relative: Higher

Actual: 1090 ft.

CACTUS ELEMENTARY SCHOOL **CA ENVIROSTOR** **S105628841**
10050 CACTUS AVENUE **CA SCH** **N/A**
RIALTO, CA 92316 **CA CERS**

ENVIROSTOR:
Name: CACTUS ELEMENTARY SCHOOL
Address: 10050 CACTUS AVENUE
City,State,Zip: RIALTO, CA 92316
Facility ID: 36010024
Status: No Further Action
Status Date: 05/07/2003
Site Code: 404275
Site Type: School Investigation
Site Type Detailed: School
Acres: 8.54
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC

CACTUS ELEMENTARY SCHOOL (Continued) **S105628841**

Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 47
Senate: 20
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.07146
Longitude: -117.3845
APN: 025315101
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Under Investigation
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: CACTUS ELEMENTARY SCHOOL
Alias Type: Alternate Name
Alias Name: COLTON JOINT UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: COLTON JOINT USD-PROPOSED CACTUS ELEM
Alias Type: Alternate Name
Alias Name: 025315101
Alias Type: APN
Alias Name: 404275
Alias Type: Project Code (Site Code)
Alias Name: 36010024
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/16/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/26/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/12/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/10/2005

CACTUS ELEMENTARY SCHOOL (Continued) **S105628841**

Comments:	accepted
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	07/23/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	09/19/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	11/27/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/07/2005
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	CACTUS ELEMENTARY SCHOOL
Address:	10050 CACTUS AVENUE
City,State,Zip:	RIALTO, CA 92316
Facility ID:	36010024
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	8.54
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404275
Assembly:	47
Senate:	20
Special Program Status:	Not reported

CACTUS ELEMENTARY SCHOOL (Continued) **S105628841**

Status:	No Further Action
Status Date:	05/07/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.07146
Longitude:	-117.3845
APN:	025315101
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Under Investigation
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	CACTUS ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	COLTON JOINT UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	COLTON JOINT USD-PROPOSED CACTUS ELEM
Alias Type:	Alternate Name
Alias Name:	025315101
Alias Type:	APN
Alias Name:	404275
Alias Type:	Project Code (Site Code)
Alias Name:	36010024
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/16/2005
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	03/26/2002
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	05/28/2002
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	06/12/2002
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	03/10/2005
Comments:	accepted

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)

CACTUS ELEMENTARY SCHOOL (Continued) **S105628841**

Completed Date: 07/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/19/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/27/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/07/2005
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS:
Name: CACTUS ELEMENTARY SC
Address: 10050 CACTUS AVENUE
City,State,Zip: RIALTO, CA 92316
Site ID: 335450
CERS ID: 36010024
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: JAVIER HINOJOSA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

96
South
1/2-1
0.545 mi.
2875 ft.

Relative:
Lower

Actual:
1017 ft.

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES
180 WEST MONTE AVENUE
RIALTO, CA 92316

Database(s):
CORRACTS
RCRA-SQG
CA ENVIROSTOR
US FIN ASSUR
CA HAZNET
CA ICE
CA HWP
CA WDS
CA CERS
CA HWTS

EDR ID Number: **1000473043**
EPA ID Number: **CAD982444481**

CORRACTS:

Name:	HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC
Address:	180 WEST MONTE AVENUE
Address 2:	Not reported
EPA ID:	CAD982444481
Area Name:	ENTIRE FACILITY
Corrective Action:	CA PRIORITIZATION-LOW CA PRIORITY
Actual Date:	19911220
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC
Address:	180 WEST MONTE AVENUE
Address 2:	Not reported
EPA ID:	CAD982444481
Area Name:	ENTIRE FACILITY
Corrective Action:	LEAD AGENCY DETERMINATION
Actual Date:	19900101
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC
Address:	180 WEST MONTE AVENUE
Address 2:	Not reported
EPA ID:	CAD982444481
Area Name:	ENTIRE FACILITY
Corrective Action:	CA PRIORITIZATION-LOW CA PRIORITY
Actual Date:	19911220
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

RCRA-SQG:

Date Form Received by Agency:	20210228
Handler Name:	HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC
Handler Address:	180 WEST MONTE AVENUE
Handler City,State,Zip:	RIALTO, CA 92316
EPA ID:	CAD982444481
Contact Name:	JON BENNETT JR
Contact Address:	WEST MONTE AVENUE
Contact City,State,Zip:	RIALTO, CA 92316
Contact Telephone:	909-873-4141
Contact Fax:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Contact Email:	FILTERRECYCLINGSERVICES@YAHOO.COM
Contact Title:	PRESIDENT
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2020
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	WEST MONTE AVENUE
Mailing City,State,Zip:	RIALTO, CA 92316
Owner Name:	FILTER RECYCLING SERVICES INC
Owner Type:	Private
Operator Name:	HAZMAT TSDF, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	Yes
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	Yes
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	Low
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	Yes
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	Yes
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210407
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D007

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FILTER RECYCLING SERVICES INC
Legal Status:	Private
Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	180 W. MONTE AVENUE
Owner/Operator City,State,Zip:	BLOOMINGTON, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FILTER RECYCLING SERVICES INC
Legal Status:	Private
Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	180 WEST MONTE AVENUE
Owner/Operator City,State,Zip:	RIALTO, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FILTER RECYCLING SERVICES INC
Legal Status:	Private
Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	180 W. MONTE AVENUE
Owner/Operator City,State,Zip:	BLOOMINGTON, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FILTER RECYCLING SERVICES, INC
Legal Status:	Private
Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	180 W. MONTE AVENUE
Owner/Operator City,State,Zip:	BLOOMINGTON, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FILTER RECYCLING SERVICES INC
Legal Status:	Private

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	180 W. MONTE AVENUE
Owner/Operator City,State,Zip:	BLOOMINGTON, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FILTER RECYCLING SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7780
Owner/Operator City,State,Zip:	MORENO VALLEY, CA 92303
Owner/Operator Telephone:	714-877-8820
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAZMAT TSDF, INC.
Legal Status:	Private
Date Became Current:	20181101
Date Ended Current:	Not reported
Owner/Operator Address:	180 WEST MONTE AVENUE
Owner/Operator City,State,Zip:	RIALTO, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	FILTERRECYCLINGSERVICES@YAHOO.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JON L. BENNETT, JR.
Legal Status:	Private
Date Became Current:	19900612
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 449
Owner/Operator City,State,Zip:	COLTON, CA 92324
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FILTER RECYCLING SERVICES, INC.
Legal Status:	Private
Date Became Current:	19900612
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JON L BENNETT JR.
Legal Status:	Private
Date Became Current:	19900612
Date Ended Current:	Not reported
Owner/Operator Address:	2230 RIVERSIDE AVENUE
Owner/Operator City,State,Zip:	BLOOMINGTON, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FILTER RECYCLING SERVICES, ING
Legal Status:	Private
Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	180 W MONTE AVE
Owner/Operator City,State,Zip:	RIALTO, CA 92316-0000
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	909-873-4142
Owner/Operator Email:	WADE@FILTERRECYCLING.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FILTER RECYCLING SERVICES, INC
Legal Status:	Private
Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	180 W MONTE AVE
Owner/Operator City,State,Zip:	RIALTO, CA 92316-0000
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	909-873-4142
Owner/Operator Email:	FILTERREYCYLINGSERVICES@YAHOO.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FILTER RECYCLING SERVICES INC
Legal Status:	Private
Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	180 W. MONTE AVENUE
Owner/Operator City,State,Zip:	BLOOMINGTON, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAZMAT TSDF, INC.
Legal Status:	Private
Date Became Current:	20181101
Date Ended Current:	Not reported
Owner/Operator Address:	180 W. MONTE AVENUE
Owner/Operator City,State,Zip:	BLOOMINGTON, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	FILTERRECYCLINGSERVICES@YAHOO.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FILTER RECYCLING SERVICES, INC.
Legal Status:	Private
Date Became Current:	19900612
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FILTER RECYCLING SERVICES, INC.
Legal Status:	Private
Date Became Current:	19900612
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JON L. BENNETT, JR.
Legal Status:	Private
Date Became Current:	19900612
Date Ended Current:	Not reported
Owner/Operator Address:	2230 RIVERSIDE AVENUE
Owner/Operator City,State,Zip:	BLOOMINGTON, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FILTER RECYCLING SERVICES INC
Legal Status:	Private
Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	180 WEST MONTE AVENUE
Owner/Operator City,State,Zip:	RIALTO, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FILTER RECYCLING SERVICES INC
Legal Status:	Private
Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	180 W. MONTE AVENUE

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Owner/Operator City,State,Zip:	BLOOMINGTON, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FILTER RECYCLING SERVICES INC
Legal Status:	Private
Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	180 W. MONTE AVENUE
Owner/Operator City,State,Zip:	BLOOMINGTON, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAZMAT TSDF, INC.
Legal Status:	Private
Date Became Current:	20181101
Date Ended Current:	Not reported
Owner/Operator Address:	180 WEST MONTE AVENUE
Owner/Operator City,State,Zip:	RIALTO, CA 92316
Owner/Operator Telephone:	909-873-4141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	FILTERRECYCLINGSERVICES@YAHOO.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JON BENNETT JR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 449
Owner/Operator City,State,Zip:	COLTON, CA 92324-0194
Owner/Operator Telephone:	909-780-8707
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JON L. BENNETT, JR.
Legal Status:	Private
Date Became Current:	19900612
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 449
Owner/Operator City,State,Zip:	COLTON, CA 92324
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JON L. BENNETT, JR.
Legal Status:	Private

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Date Became Current: 19900612
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 449
Owner/Operator City,State,Zip: COLTON, CA 92324
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FILTER RECYCLING SERVICES, INC
Legal Status: Private
Date Became Current: 19900101
Date Ended Current: Not reported
Owner/Operator Address: 180 W. MONTE AVENUE
Owner/Operator City,State,Zip: BLOOMINGTON, CA 92316
Owner/Operator Telephone: 909-873-4141
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FILTER RECYCLING SERVICES INC
Legal Status: Private
Date Became Current: 19900101
Date Ended Current: Not reported
Owner/Operator Address: 180 W. MONTE AVENUE
Owner/Operator City,State,Zip: BLOOMINGTON, CA 92316
Owner/Operator Telephone: 909-873-4141
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20080206
Handler Name: FILTER RECYCLING SERVICES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120724
Handler Name: FILTERRECYCLING SERVICES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140301
Handler Name: FILTER RECYCLING SERVICES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20161028
Handler Name: FILTER RECYCLING SERVICES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180213
Handler Name: FILTER RECYCLING SERVICES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210228
Handler Name: HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19960901
Handler Name: FILTER RECYCLING SERVICES INC

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20181005
Handler Name: HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20181228
Handler Name: HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19990930
Handler Name: FILTER RECYCLING SERVICES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180705
Handler Name: FILTER RECYCLING SERVICES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20181102
Handler Name: HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19960320
Handler Name: FILTER RECYCLING SERVICES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990606
Handler Name: FILTER RECYCLING SERVICES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: FILTER RECYCLING SERVICES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Receive Date: 20020322
Handler Name: FILTER RECYCLING SERVICES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040223
Handler Name: FILTER RECYCLING SERVICES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060208
Handler Name: FILTER RECYCLING SERVICES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 336399
NAICS Description: ALL OTHER MOTOR VEHICLE PARTS MANUFACTURING

NAICS Code: 562
NAICS Description: WASTE MANAGEMENT AND REMEDIATION SERVICES

NAICS Code: 562111
NAICS Description: SOLID WASTE COLLECTION

NAICS Code: 562112
NAICS Description: HAZARDOUS WASTE COLLECTION

NAICS Code: 562119
NAICS Description: OTHER WASTE COLLECTION

NAICS Code: 562211
NAICS Description: HAZARDOUS WASTE TREATMENT AND DISPOSAL

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

NAICS Code: 562219
NAICS Description: OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL

NAICS Code: 92411
NAICS Description: ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	20120409
Actual Return to Compliance Date:	20180220
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	524
Date of Enforcement Action:	20120919
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20090629
Actual Return to Compliance Date:	20141021
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	228
Date of Enforcement Action:	20180207
Enforcement Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20011115
Actual Return to Compliance Date: 20020122
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 210
Date of Enforcement Action: 20011121
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20190618
Actual Return to Compliance Date: 20190715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 218
Date of Enforcement Action: 20190626
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20030630
Actual Return to Compliance Date: 20030703
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 507
Date of Enforcement Action: 20030820
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 500
Date of Enforcement Action: 19970612
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090928
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20120919
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20040623
Actual Return to Compliance Date: 20040701
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20040623
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090928
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20030630
Actual Return to Compliance Date: 20030703
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20041110
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20011115
Actual Return to Compliance Date: 20020122
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20041110
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 500
Date of Enforcement Action: 19970612
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090928
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Releases from SWMUs
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 20040623
Actual Return to Compliance Date: 20040723
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20040623
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090928
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - General Information
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20120919
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 500
Date of Enforcement Action: 19970612
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20140702
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20120409
Actual Return to Compliance Date:	20180220
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	524
Date of Enforcement Action:	20120919
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Conditions
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20140702
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20090702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20120919
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20090702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Releases from SWMUs
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20180406
Actual Return to Compliance Date: 20180504
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 532
Date of Enforcement Action: 20180406
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19970424
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19970523
Enforcement Identifier: 002
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20011115
Actual Return to Compliance Date: 20020122
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 505
Date of Enforcement Action: 20011219
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20090702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Federal or State Statute
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Releases from SWMUs
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	250000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	500000
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20120409
Actual Return to Compliance Date:	20180220
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	524
Date of Enforcement Action:	20120919
Enforcement Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20041110
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19970424
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19970523
Enforcement Identifier: 002
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 220
Date of Enforcement Action: 20101102
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: REFERRAL TO ATTORNEY GENERAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20030630
Actual Return to Compliance Date: 20030703
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20030703
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20140702
Actual Return to Compliance Date: 20140707
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 213
Date of Enforcement Action: 20140703
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 500
Date of Enforcement Action: 19970612
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20140702
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 527
Date of Enforcement Action: 20140919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20030630
Actual Return to Compliance Date: 20030703
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 507
Date of Enforcement Action: 20030820
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20140702
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 213
Date of Enforcement Action: 20140703
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20011115
Actual Return to Compliance Date: 20020122
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 505
Date of Enforcement Action: 20011219
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20090702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Listing - Characteristics
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20011115
Actual Return to Compliance Date: 20020122
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 505
Date of Enforcement Action: 20011219
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20070613
Actual Return to Compliance Date: 20070614
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20070614
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Releases from SWMUs
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 221
Date of Enforcement Action: 20121205
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Listing - Characteristics
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 221
Date of Enforcement Action: 20121205
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20140702
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 213
Date of Enforcement Action: 20140703
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	20120409
Actual Return to Compliance Date:	20120919
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	524
Date of Enforcement Action:	20120919
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 500
Date of Enforcement Action: 19970612
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20001218
Actual Return to Compliance Date: 20010209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20001219
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20140702
Actual Return to Compliance Date: 20140707
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 527
Date of Enforcement Action: 20140919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20001218
Actual Return to Compliance Date: 20010209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 502
Date of Enforcement Action: 20010116
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20070613
Actual Return to Compliance Date: 20070614
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 516
Date of Enforcement Action: 20070809
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20180406
Actual Return to Compliance Date: 20180504
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 217
Date of Enforcement Action: 20180406
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20120409
Actual Return to Compliance Date:	20180220
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	524
Date of Enforcement Action:	20120919
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Listing - Characteristics
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20040623
Actual Return to Compliance Date: 20040723
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20041118
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20090702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19990621
Actual Return to Compliance Date: 19991111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 19990622
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Conditions
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 221
Date of Enforcement Action: 20121205
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 20070613
Actual Return to Compliance Date: 20070614
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 516
Date of Enforcement Action: 20070809
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20080325
Actual Return to Compliance Date: 20080520
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20080527
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - General
Date Violation was Determined: 20140702
Actual Return to Compliance Date: 20140707
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 527
Date of Enforcement Action: 20140919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Conditions
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20120409
Actual Return to Compliance Date:	20180220
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	228
Date of Enforcement Action:	20180207
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	250000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	500000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20090629
Actual Return to Compliance Date:	20090928
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20090702
Enforcement Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Listing - Characteristics
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	250000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	500000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Federal or State Statute
Date Violation was Determined:	20120409
Actual Return to Compliance Date:	20180220
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	212
Date of Enforcement Action:	20120919
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Federal or State Statute
Date Violation was Determined:	20120409
Actual Return to Compliance Date:	20180220
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	212
Date of Enforcement Action:	20120919
Enforcement Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19970424
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19970523
Enforcement Identifier: 002
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Federal or State Statute
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 220
Date of Enforcement Action: 20101102
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: REFERRAL TO ATTORNEY GENERAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19990621
Actual Return to Compliance Date: 19991111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 19990714
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20120409
Actual Return to Compliance Date:	20180220
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	228
Date of Enforcement Action:	20180207
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	250000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	500000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20011115
Actual Return to Compliance Date:	20020122
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	20011121
Enforcement Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090928
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20030630
Actual Return to Compliance Date: 20030703
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20030703
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20030630
Actual Return to Compliance Date: 20030703
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20041110
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090928
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20090702
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - General Information
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20011115
Actual Return to Compliance Date: 20020122
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 504
Date of Enforcement Action: 20011115
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 221
Date of Enforcement Action: 20121205
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Transporters - General
Date Violation was Determined: 19980527
Actual Return to Compliance Date: 19980619
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 004
Date of Enforcement Action: 19980527
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20140702
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 527
Date of Enforcement Action: 20140919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090928
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19970424
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19970523
Enforcement Identifier: 002
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20070613
Actual Return to Compliance Date: 20070714
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 516
Date of Enforcement Action: 20070809
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - General
Date Violation was Determined: 20140702
Actual Return to Compliance Date: 20140707
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 213
Date of Enforcement Action: 20140703
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	20040623
Actual Return to Compliance Date:	20040701
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	510
Date of Enforcement Action:	20041118
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20050622
Actual Return to Compliance Date: 20050623
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20050623
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20011115
Actual Return to Compliance Date: 20020122
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 210
Date of Enforcement Action: 20011121
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20120919
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19990621
Actual Return to Compliance Date: 19991111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20041110
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20190626
Actual Return to Compliance Date: 20190715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 219
Date of Enforcement Action: 20190626
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20011115
Actual Return to Compliance Date: 20020122
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 505
Date of Enforcement Action: 20011219
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20120919
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20120409
Actual Return to Compliance Date:	20180220
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	524
Date of Enforcement Action:	20120919
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20190626
Actual Return to Compliance Date: 20190715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 535
Date of Enforcement Action: 20190626
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20050622
Actual Return to Compliance Date: 20050623
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 512
Date of Enforcement Action: 20050823
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20070620
Actual Return to Compliance Date: 20070716
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20070620
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19980123
Actual Return to Compliance Date: 19980223
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 003
Date of Enforcement Action: 19980123
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20080325
Actual Return to Compliance Date: 20080520
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 517
Date of Enforcement Action: 20080527
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Federal or State Statute
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Releases from SWMUs
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Releases from SWMUs
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 221
Date of Enforcement Action: 20121205
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - Conditions
Date Violation was Determined:	20120409
Actual Return to Compliance Date:	20180220
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	524
Date of Enforcement Action:	20120919
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 221
Date of Enforcement Action: 20121205
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 221
Date of Enforcement Action: 20121205
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20041110
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20190618
Actual Return to Compliance Date: 20190715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 534
Date of Enforcement Action: 20190807
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090928
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20070620
Actual Return to Compliance Date: 20070716
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 515
Date of Enforcement Action: 20070620
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19970424
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19970523
Enforcement Identifier: 002
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19950626
Actual Return to Compliance Date: 19950901
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19950626
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090928
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20090702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090928
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20090702
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Releases from SWMUs
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20091116
Actual Return to Compliance Date: 20091116
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20091116
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 20070613
Actual Return to Compliance Date: 20070614
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20070614
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 500
Date of Enforcement Action: 19970612
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090928
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - General Information
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20090702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19990621
Actual Return to Compliance Date: 19991111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Federal or State Statute
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20011115
Actual Return to Compliance Date: 20020122
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 210
Date of Enforcement Action: 20011121
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20140702
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20140702
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20090702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20091116
Actual Return to Compliance Date: 20091116
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 521
Date of Enforcement Action: 20091116
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20090702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20090702
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20041110
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 20040623
Actual Return to Compliance Date: 20040723
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20041118
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20040623
Actual Return to Compliance Date: 20040723
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20040623
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20090629
Actual Return to Compliance Date: 20141021
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 519
Date of Enforcement Action: 20090928
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20011115
Actual Return to Compliance Date: 20020122
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20011115
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20070613
Actual Return to Compliance Date: 20070714
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20070614
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19970424
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19970523
Enforcement Identifier: 002
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 228
Date of Enforcement Action: 20180207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 250000
Paid Amount: Not reported
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 19970423
Actual Return to Compliance Date: 19970524
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 19970424
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 524
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20120409
Actual Return to Compliance Date: 20180220
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 212
Date of Enforcement Action: 20120919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19950626
Actual Return to Compliance Date: 19950907
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19950626
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20120409
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20180220
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040429
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20011115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190618
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20030630
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030703
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20001215
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120919
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040701
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20030630
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030703
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19901129
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20011115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19991111
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080417
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060628
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140820
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120919
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120919
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20210713
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180406
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180504
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	19970523
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20011115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050603
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090702

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20060612
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	19970523
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20030630
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030703
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140707
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960119
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030919
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030630
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030703
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20011115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20020122
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20011115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070613
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070614
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20020521
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120919
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20001218
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140707
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20011115
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20001218
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20070613
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070614
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180406
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180504
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040623
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990621
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19991111
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070613
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070614
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20080325
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20080520
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140707
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	19970523
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990621
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19991111
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20011115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20030630
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030703
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20030630
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030703
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20011115
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980527
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19980619
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	19970523
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070613
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070714
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140707
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040701
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050622
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20050623
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20011115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120919
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990621
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19991111
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190626
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090630
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20011115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120919
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190626
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050622
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20050623
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Date:	20070620
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070716
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980122
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19980223
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20080325
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20080520
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990621
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190618
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070620
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070716
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	19970523
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950626
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19950901
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20210621
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20091116
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20091116
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990520
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	BCOFE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20070613
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070614
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090928
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990621
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19991111
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20011115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140702
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Date:	20091116
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20091116
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090629
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141021
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20011115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070613
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070714
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970423
Evaluation Responsible Agency:	State

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	19970523
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970423
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970524
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120409
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20180220

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950626
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19950907
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

ENVIROSTOR:

Name:	FILTER RECYCLING SERVICES INC
Address:	180 W MONTE AVE
City,State,Zip:	RIALTO, CA 923160000
Facility ID:	80001495
Status:	Inactive - Needs Evaluation
Status Date:	11/09/2010
Site Code:	400463
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Unknown
Division Branch:	Cleanup Cypress
Assembly:	47
Senate:	20
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.06117
Longitude:	-117.3722
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD982444481
Alias Type:	EPA Identification Number
Alias Name:	400463
Alias Type:	Project Code (Site Code)
Alias Name:	80001495
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	12/20/1991
Comments:	This information may require further review.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Other Instrument
Completed Date:	01/01/1990
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

US FIN ASSUR:

Name:	HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC
Address:	180 WEST MONTE AVENUE
City,State,Zip:	RIALTO, CA 92316
EPA ID:	CAD982444481
County:	Not reported
Mechanism type:	I
Mechanism Type Description:	INSURANCE
Cost estimate:	2000000
Face value:	2000000
Effective date:	2011-01-15 00:00:00
Provider:	CHARTIS SPECIALTY INS. COMP.
EPA region:	9

Name:	HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC
Address:	180 WEST MONTE AVENUE
City,State,Zip:	RIALTO, CA 92316
EPA ID:	CAD982444481
County:	Not reported
Mechanism type:	T
Mechanism Type Description:	TRUST FUND (FULLY FUNDED)
Cost estimate:	345988.25
Face value:	345988.25
Effective date:	2011-03-31 00:00:00
Provider:	UNION BANK OF CALIFORNIA
EPA region:	9

HAZNET:

Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Address:	180 W MONTE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923160000
Contact:	JON BENNETT JR
Telephone:	9095534506
Mailing Name:	Not reported
Mailing Address:	180 W MONTE AVE

Year:	2019
Gepaid:	CAD982444481
TSD EPA ID:	NVT330010000
CA Waste Code:	612 - Household waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	10.73250

Year:	2019
Gepaid:	CAD982444481
TSD EPA ID:	CAD008252405
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.13500

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Year:	2019
Gepaid:	CAD982444481
TSD EPA ID:	CAD044429835
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01650
Year:	2019
Gepaid:	CAD982444481
TSD EPA ID:	AZR000506980
CA Waste Code:	352 - Other organic solids
Disposal Method:	-
Tons:	20.00000
Year:	2019
Gepaid:	CAD982444481
TSD EPA ID:	AZR000506980
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	-
Tons:	97.01088
Year:	2019
Gepaid:	CAD982444481
TSD EPA ID:	CAD044429835
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.49600
Year:	2019
Gepaid:	CAD982444481
TSD EPA ID:	AZR000506980
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	1471.49404
Year:	2019
Gepaid:	CAD982444481
TSD EPA ID:	AZR000506980
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	78.14997
Year:	2019
Gepaid:	CAD982444481
TSD EPA ID:	CAT080025711
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	52.09260
Year:	2019
Gepaid:	CAD982444481

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSD EPA ID: AZR000506980
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1661.91937

Click this hyperlink while viewing on your computer to access
1645 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2015
Gen EPA ID: CAD982444481

Shipment Date: 20151231
Creation Date: 2/11/2016 22:15:11
Receipt Date: 20151231
Manifest ID: 014580817JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZR000506980
Trans Name: SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 12
Waste Quantity: 12
Quantity Unit: T
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151231
Creation Date: 3/5/2016 22:15:15
Receipt Date: 20160108
Manifest ID: 014580737JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZR000506980
Trans Name: SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 20
Waste Quantity: 20

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151231
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20160102
Manifest ID:	014580782JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	14
Waste Quantity:	14
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151230
Creation Date:	6/26/2015 22:15:23
Receipt Date:	20150109
Manifest ID:	013482409JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	3.3712
Waste Quantity:	4
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	20151230
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20160102
Manifest ID:	014580981JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	18.765
Waste Quantity:	4500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151229
Creation Date:	2/10/2016 22:15:31
Receipt Date:	20151229
Manifest ID:	014580805JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151228
Creation Date:	2/10/2016 22:15:31
Receipt Date:	20151228
Manifest ID:	014580807JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151228
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20160102
Manifest ID:	014580785JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	19.76997
Waste Quantity:	4741
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151226
Creation Date:	2/10/2016 22:15:31
Receipt Date:	20151226
Manifest ID:	014580802JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151226
Creation Date:	2/10/2016 22:15:31
Receipt Date:	20151226
Manifest ID:	014580804JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD982444481
Shipment Date:	20081231
Creation Date:	6/17/2009 18:30:08
Receipt Date:	20081231
Manifest ID:	004817157JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC # 6319
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000002428
Trans Name:	COPPER MOUNTAIN LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	20.85

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081231
Creation Date:	3/24/2009 18:30:09
Receipt Date:	20080102
Manifest ID:	005051264JJK
Trans EPA ID:	CAL000336075
Trans Name:	A&G ENT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	25
Waste Quantity:	25
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081231
Creation Date:	4/8/2009 18:30:46
Receipt Date:	20090112
Manifest ID:	004822225JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	20081230
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005055688JJK
Trans EPA ID:	CAL000336075
Trans Name:	A&G ENT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	P030
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20081230
Creation Date:	3/24/2009 18:30:09
Receipt Date:	20081230
Manifest ID:	005055685JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	22
Waste Quantity:	22
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20081230
Creation Date:	3/24/2009 18:30:09
Receipt Date:	20081230
Manifest ID:	005055686JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081230
Creation Date:	3/31/2009 18:30:48
Receipt Date:	20081230
Manifest ID:	005055687JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	24
Waste Quantity:	24
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081230
Creation Date:	3/24/2009 18:30:09
Receipt Date:	20081230
Manifest ID:	005055688JJK
Trans EPA ID:	CAL000336075
Trans Name:	A&G ENT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	25
Waste Quantity:	25

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081230
Creation Date:	4/8/2009 18:30:46
Receipt Date:	20090112
Manifest ID:	004847047JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081230
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005055688JJK
Trans EPA ID:	CAL000336075
Trans Name:	A&G ENT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	P030
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Info:

Year:	2001
Gen EPA ID:	CAD982444481
Shipment Date:	20011231
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020102
Manifest ID:	21705742
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.71
Waste Quantity:	450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011231
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020114
Manifest ID:	21705769
Trans EPA ID:	CAD980887046
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011231
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20020114
Manifest ID:	21705693
Trans EPA ID:	CAD980887046

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011228
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20011228
Manifest ID:	21330044
Trans EPA ID:	CAR000019943
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	15.75
Waste Quantity:	3750
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011228
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20020109
Manifest ID:	21705692
Trans EPA ID:	CAD980887046
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011228
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20011231
Manifest ID:	21705745
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.52
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011228
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020109
Manifest ID:	21703461
Trans EPA ID:	CAD980887046
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	20011228
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020109
Manifest ID:	21703460
Trans EPA ID:	CAD980887046
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011227
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20011228
Manifest ID:	21705726
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.836
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011227
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20020107
Manifest ID:	21705684
Trans EPA ID:	CAD980887046
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD982444481
Shipment Date:	19971231
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19980102
Manifest ID:	97422403
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.95
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971231
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19980102
Manifest ID:	97422441
Trans EPA ID:	ACZ970919147
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD983481813
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD983481813
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Meth Code:	- Not reported
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971230
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971231
Manifest ID:	97422419
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	3.61
Waste Quantity:	950
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971229
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971231
Manifest ID:	97422425
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD983481813
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD983481813
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	50.568
Waste Quantity:	60
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	19971229
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971230
Manifest ID:	97422439
Trans EPA ID:	ACZ970919147
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD983481813
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD983481813
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971229
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971231
Manifest ID:	97422424
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD983481813
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD983481813
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971229
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971230
Manifest ID:	97422440
Trans EPA ID:	ACZ970919147
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD983481813

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	Not reported
TSDF Alt EPA ID:	AZD983481813
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971224
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971229
Manifest ID:	97422418
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971223
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971224
Manifest ID:	96862814
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2268
Waste Quantity:	54
Quantity Unit:	G

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971223
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971224
Manifest ID:	97422438
Trans EPA ID:	ACZ970919147
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD983481813
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD983481813
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD982444481
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23561597
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23553001
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL
Trans 2 EPA ID:	AZD009015389
Trans 2 Name:	ROMIC ENVIRONMENTAL
TSDF EPA ID:	AZD009015389
Trans Name:	ROMIC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.363
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041231
Creation Date:	3/17/2005 18:34:39
Receipt Date:	20050103
Manifest ID:	24201927
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000002428
Trans Name:	COPPER MOUNTAIN LANDFILL
TSDF Alt EPA ID:	AZR000002428
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	18.765
Waste Quantity:	4500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041231
Creation Date:	3/17/2005 18:34:39
Receipt Date:	20050103
Manifest ID:	24201928
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000002428

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	COPPER MOUNTAIN LANDFILL
TSDF Alt EPA ID:	AZR000002428
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	16.68
Waste Quantity:	4000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041231
Creation Date:	3/17/2005 18:34:39
Receipt Date:	20050104
Manifest ID:	24202060
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL
Trans 2 EPA ID:	AZD009015389
Trans 2 Name:	ROMIC ENVIRONMENTAL
TSDF EPA ID:	AZD009015389
Trans Name:	ROMIC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041231
Creation Date:	3/17/2005 18:34:39
Receipt Date:	20050104
Manifest ID:	24202061
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL
Trans 2 EPA ID:	AZD009015389
Trans 2 Name:	ROMIC ENVIRONMENTAL
TSDF EPA ID:	AZD009015389
Trans Name:	ROMIC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041230
Creation Date:	3/13/2007 18:30:13
Receipt Date:	20041231
Manifest ID:	24201925
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000002428
Trans Name:	COPPER MOUNTAIN LANDFILL
TSDF Alt EPA ID:	AZR000002428
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	16.68
Waste Quantity:	4000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041230
Creation Date:	3/2/2007 18:30:13
Receipt Date:	20050128
Manifest ID:	24201896
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	NONE
Meth Code:	H01 - Transfer Station
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041230
Creation Date:	3/13/2007 18:30:13
Receipt Date:	20041231

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Manifest ID:	24201926
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000002428
Trans Name:	COPPER MOUNTAIN LANDFILL
TSDF Alt EPA ID:	AZR000002428
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041230
Creation Date:	4/20/2006 18:30:56
Receipt Date:	20050120
Manifest ID:	24201869
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	- Not reported
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD982444481

Shipment Date:	19931230
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931230
Manifest ID:	93230905
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	11.4
Waste Quantity:	3000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931229
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931229
Manifest ID:	93230906
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAT080011059
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.31
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931208
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931208
Manifest ID:	93230894
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	10.355
Waste Quantity:	2725

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931206
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931208
Manifest ID:	93230891
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAT080011059
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.05
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931206
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931208
Manifest ID:	93230890
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAT080011059
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.26
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931203
Creation Date:	9/14/1995 0:00:00

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Receipt Date:	19931203
Manifest ID:	93230896
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089446710
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.6335
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931130
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931201
Manifest ID:	93230879
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	6.65
Waste Quantity:	1750
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931123
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931123
Manifest ID:	93230888
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.26
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931122
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931122
Manifest ID:	93230855
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	2.85
Waste Quantity:	750
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931120
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931120
Manifest ID:	93230875
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	7.79
Waste Quantity:	2050
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD982444481
Shipment Date:	20061229
Creation Date:	8/9/2007 18:30:52
Receipt Date:	20070116
Manifest ID:	000459462JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061229
Creation Date:	2/23/2008 18:30:09
Receipt Date:	Not reported
Manifest ID:	000455375JJK
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000002428
Trans Name:	COPPER MOUNTAIN LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	5000
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	20061228
Creation Date:	8/9/2007 18:30:52
Receipt Date:	20070116
Manifest ID:	000459463JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061228
Creation Date:	8/9/2007 18:30:52
Receipt Date:	20070116
Manifest ID:	000455292JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061228
Creation Date:	8/9/2007 18:30:52
Receipt Date:	20070116
Manifest ID:	000455293JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061227
Creation Date:	4/19/2007 18:31:22
Receipt Date:	20061227
Manifest ID:	000459023JJK
Trans EPA ID:	CAL000266453
Trans Name:	G&R TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000157206
Trans Name:	WESTERN ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061227
Creation Date:	8/9/2007 18:30:52
Receipt Date:	20070112
Manifest ID:	000459464JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

	Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061227
Creation Date:	4/19/2007 18:31:22
Receipt Date:	20061227
Manifest ID:	000459036JJK
Trans EPA ID:	CAL000266453
Trans Name:	G&R TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000157206
Trans Name:	WESTERN ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061227
Creation Date:	4/19/2007 18:31:22
Receipt Date:	20061227
Manifest ID:	000449353JJK
Trans EPA ID:	CAL000266453
Trans Name:	G&R TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000157206
Trans Name:	WESTERN ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	20061227
Creation Date:	4/19/2007 18:31:22
Receipt Date:	20061227
Manifest ID:	000459162JJK
Trans EPA ID:	CAL000266453
Trans Name:	G&R TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAR000157206
Trans Name:	WESTERN ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD982444481

Shipment Date:	19991231
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991230
Manifest ID:	99566484
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	6.346
Waste Quantity:	1670
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991230
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000104
Manifest ID:	99566870
Trans EPA ID:	CAD982444481

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.42
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991230
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000103
Manifest ID:	99566828
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991230
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000103
Manifest ID:	99566842
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Meth Code:	H01 - Transfer Station
Quantity Tons:	9.31
Waste Quantity:	2450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991230
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000111
Manifest ID:	99566786
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991230
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000111
Manifest ID:	99566787
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	19991229
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000103
Manifest ID:	99566827
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.608
Waste Quantity:	160
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991229
Creation Date:	3/7/2000 0:00:00
Receipt Date:	19991229
Manifest ID:	99566822
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.045
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991229
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000111
Manifest ID:	99566788
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991229
Creation Date:	3/7/2000 0:00:00
Receipt Date:	19991230
Manifest ID:	99566838
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.498
Waste Quantity:	1710
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD982444481

Shipment Date:	19981231
Creation Date:	2/26/1999 0:00:00
Receipt Date:	19981231
Manifest ID:	98033332
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Meth Code:	R01 - Recycler
Quantity Tons:	21
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981231
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19990111
Manifest ID:	98033850
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981231
Creation Date:	3/15/1999 0:00:00
Receipt Date:	19980105
Manifest ID:	98033881
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	19981231
Creation Date:	3/15/1999 0:00:00
Receipt Date:	19990114
Manifest ID:	98033849
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981230
Creation Date:	2/26/1999 0:00:00
Receipt Date:	19981231
Manifest ID:	98033871
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.693
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981230
Creation Date:	2/26/1999 0:00:00
Receipt Date:	19981231
Manifest ID:	98033869
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.627
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981230
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981231
Manifest ID:	98033860
Trans EPA ID:	CAR000045443
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD983481813
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981230
Creation Date:	2/26/1999 0:00:00
Receipt Date:	19981231
Manifest ID:	98033870
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981229
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19990111
Manifest ID:	98033858
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981229
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19981230
Manifest ID:	98033865
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	7.467
Waste Quantity:	1965
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAD982444481

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	20101231
Creation Date:	2/23/2011 18:30:08
Receipt Date:	20101231
Manifest ID:	007385980JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101231
Creation Date:	2/23/2011 18:30:08
Receipt Date:	20101231
Manifest ID:	007629324JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101231
Creation Date:	2/23/2011 18:30:08
Receipt Date:	20101231
Manifest ID:	007385981JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101230
Creation Date:	2/23/2011 18:30:08
Receipt Date:	20101230
Manifest ID:	007629353JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101229
Creation Date:	2/23/2011 18:30:08
Receipt Date:	20101229
Manifest ID:	007385978JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101229
Creation Date:	2/23/2011 18:30:08
Receipt Date:	20101229
Manifest ID:	007629342JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101228
Creation Date:	2/23/2011 18:30:08
Receipt Date:	20101228
Manifest ID:	007629323JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101228
Creation Date:	2/23/2011 18:30:08
Receipt Date:	20101228
Manifest ID:	007629332JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101228
Creation Date:	4/27/2011 18:30:26
Receipt Date:	20110117
Manifest ID:	004822207JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101228
Creation Date:	2/23/2011 18:30:25
Receipt Date:	20101229

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Manifest ID: 007927264JJK
Trans EPA ID: CAD981429673
Trans Name: PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAL000003766
Trans Name: SAN JOSE UNIFIED SCHOOL DISTRICT - CORP YARD
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAD982444481

Shipment Date: 20071231
Creation Date: 8/21/2012 22:15:08
Receipt Date: Not reported
Manifest ID: 002984825JJK
Trans EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZR000002428
Trans Name: COPPER MOUNTAIN LANDFILL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 8.34
Waste Quantity: 2000
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071231
Creation Date: 8/21/2012 22:15:08
Receipt Date: Not reported
Manifest ID: 002984826JJK
Trans EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
Trans 2 EPA ID: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000002428
Trans Name:	COPPER MOUNTAIN LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071231
Creation Date:	3/11/2008 18:30:10
Receipt Date:	20071231
Manifest ID:	003426340JJK
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZC071126024
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	11.52
Waste Quantity:	23040
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071231
Creation Date:	8/21/2012 22:15:08
Receipt Date:	Not reported
Manifest ID:	002984824JJK
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000002428
Trans Name:	COPPER MOUNTAIN LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071228
Creation Date:	3/28/2008 18:30:20
Receipt Date:	20080115
Manifest ID:	003426251JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071228
Creation Date:	3/11/2008 18:30:10
Receipt Date:	20071228
Manifest ID:	003426241JJK
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZC071126024
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	18.03
Waste Quantity:	36060
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 5:	Not reported
Shipment Date:	20071228
Creation Date:	3/8/2008 18:30:14
Receipt Date:	20071227
Manifest ID:	003426228JJK
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZC071126024
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	18.48
Waste Quantity:	36960
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071227
Creation Date:	5/30/2008 18:30:16
Receipt Date:	20080104
Manifest ID:	001862844FLE
Trans EPA ID:	CAD980585293
Trans Name:	INDUSTRIAL WASTE UTILIZATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071227
Creation Date:	3/28/2008 18:30:20
Receipt Date:	20080115
Manifest ID:	003426421JJK
Trans EPA ID:	CAR000121731

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071227
Creation Date:	3/28/2008 18:30:20
Receipt Date:	20080115
Manifest ID:	003426250JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD982444481

Shipment Date:	20001229
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010123
Manifest ID:	98039015
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001229
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010112
Manifest ID:	98039013
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001229
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	98039036
Trans EPA ID:	CAD983649880
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000030452
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	20.16
Waste Quantity:	4800

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001229
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010123
Manifest ID:	98039017
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001229
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010123
Manifest ID:	98039018
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001229
Creation Date:	3/22/2001 0:00:00

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Receipt Date:	20010102
Manifest ID:	98038972
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001229
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010112
Manifest ID:	98039014
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001228
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20010108
Manifest ID:	98039016
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001228
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20010108
Manifest ID:	98039011
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001228
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010112
Manifest ID:	98039012
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	MED001797410
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAD982444481
Shipment Date:	20131231
Creation Date:	3/3/2014 22:15:17
Receipt Date:	20140118
Manifest ID:	012157433JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	EAST CARBON DEVELOPMENT CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131231
Creation Date:	2/24/2014 22:15:29
Receipt Date:	20131231
Manifest ID:	012157317JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	20131230
Creation Date:	2/25/2014 22:15:05
Receipt Date:	20140106
Manifest ID:	012157446JJK
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982345217
Trans Name:	TAMALPAIS UHSD CORP YARD
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131230
Creation Date:	2/16/2014 22:15:06
Receipt Date:	20140106
Manifest ID:	012157445JJK
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000378666
Trans Name:	MICRO QUALITY LABORATORIES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.275
Waste Quantity:	550
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131230
Creation Date:	2/25/2014 22:15:05
Receipt Date:	20140106
Manifest ID:	012157446JJK
Trans EPA ID:	CAD981429673
Trans Name:	PHOTO WASTE RECYCLING CO INC
Trans 2 EPA ID:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982345217
Trans Name:	TAMALPAIS UHSD CORP YARD
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131227
Creation Date:	3/2/2014 22:15:16
Receipt Date:	20140118
Manifest ID:	012157190JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	EAST CARBON DEVELOPMENT CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131226
Creation Date:	1/29/2014 22:15:06
Receipt Date:	20131226
Manifest ID:	012157236JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

	Without Treatment)
Quantity Tons:	20.016
Waste Quantity:	4800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131223
Creation Date:	2/24/2014 22:15:29
Receipt Date:	20131223
Manifest ID:	012157315JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131223
Creation Date:	2/24/2014 22:15:29
Receipt Date:	20131226
Manifest ID:	012157316JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	14
Waste Quantity:	14
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131223
Creation Date:	3/2/2014 22:15:16
Receipt Date:	20140109
Manifest ID:	012157181JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	EAST CARBON DEVELOPMENT CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD982444481
Shipment Date:	20031231
Creation Date:	11/18/2004 8:25:56
Receipt Date:	20040102
Manifest ID:	23554885
Trans EPA ID:	CAL000030123
Trans Name:	INDUSTRIAL WASTE UTILIZATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	3.5445
Waste Quantity:	850
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031231

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Creation Date:	8/19/2004 11:23:00
Receipt Date:	20031231
Manifest ID:	23554868
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1485
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031231
Creation Date:	12/1/2004 9:18:37
Receipt Date:	20040115
Manifest ID:	22634354
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031231
Creation Date:	7/30/2004 18:31:14
Receipt Date:	20040102
Manifest ID:	22633054
Trans EPA ID:	NVR000001925
Trans Name:	THERMO FLUIDS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVR000001925
Trans Name:	THERMO FLUIDS

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	17.64
Waste Quantity:	4200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031231
Creation Date:	12/1/2004 8:37:18
Receipt Date:	20040113
Manifest ID:	22634246
Trans EPA ID:	CAD983608258
Trans Name:	OCEAN BLUE ENVIRONMENTAL
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031230
Creation Date:	8/13/2004 7:53:20
Receipt Date:	20040105
Manifest ID:	23554844
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.95
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031230
Creation Date:	12/1/2004 9:19:44
Receipt Date:	20040109
Manifest ID:	22634356
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031230
Creation Date:	12/1/2004 8:38:01
Receipt Date:	20040113
Manifest ID:	22634247
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031230
Creation Date:	3/14/2005 7:45:12
Receipt Date:	20031231
Manifest ID:	22627176

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZR000002428
Trans Name: COPPER MOUNTIAN LANDFILL
TSDF Alt EPA ID: AZR000002428
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 20.85
Waste Quantity: 5000
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20031229
Creation Date: 8/13/2004 7:53:20
Receipt Date: 20040105
Manifest ID: 23554843
Trans EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 1.102
Waste Quantity: 290
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAD982444481

Shipment Date: 20171230
Creation Date: 8/7/2018 18:30:18
Receipt Date: 20171230
Manifest ID: 017380715JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZR000506980

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171229
Creation Date:	8/7/2018 18:30:40
Receipt Date:	20180103
Manifest ID:	017380717JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171229
Creation Date:	8/7/2018 18:30:40
Receipt Date:	20180102
Manifest ID:	017380706JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Quantity Tons:	19.76997
Waste Quantity:	4741
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171229
Creation Date:	8/7/2018 18:30:26
Receipt Date:	20180103
Manifest ID:	017380718JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171228
Creation Date:	8/28/2018 18:30:59
Receipt Date:	20180102
Manifest ID:	017380685JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	20.3224
Waste Quantity:	5348
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 5:	Not reported
Shipment Date:	20171228
Creation Date:	8/10/2018 18:30:24
Receipt Date:	20180104
Manifest ID:	017380716JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171227
Creation Date:	8/3/2018 18:30:58
Receipt Date:	20171227
Manifest ID:	017380681JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171227
Creation Date:	8/7/2018 18:30:18
Receipt Date:	20171230
Manifest ID:	017380722JJK
Trans EPA ID:	CAR000172460

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	19.35297
Waste Quantity:	4641
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171227
Creation Date:	8/3/2018 18:30:58
Receipt Date:	20171227
Manifest ID:	017380707JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171226
Creation Date:	8/28/2018 18:30:59
Receipt Date:	20180102
Manifest ID:	017380684JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	24.7
Waste Quantity:	6500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD982444481
Shipment Date:	19951229
Creation Date:	9/18/1996 0:00:00
Receipt Date:	19951229
Manifest ID:	95680607
Trans EPA ID:	CAL000027724
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	11.676
Waste Quantity:	2800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951226
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951227
Manifest ID:	95870043
Trans EPA ID:	CAD000989442
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	33.712

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951218
Creation Date:	9/18/1996 0:00:00
Receipt Date:	19951221
Manifest ID:	95573954
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.42
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951216
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951218
Manifest ID:	95573863
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.2502
Waste Quantity:	329
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951214

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Creation Date:	9/18/1996 0:00:00
Receipt Date:	19951221
Manifest ID:	95573845
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.26
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951212
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951213
Manifest ID:	95680668
Trans EPA ID:	CAL000027724
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	19.182
Waste Quantity:	4600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951211
Creation Date:	9/18/1996 0:00:00
Receipt Date:	19951221
Manifest ID:	95573943
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.84
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951201
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951201
Manifest ID:	95573840
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.444
Waste Quantity:	380
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951130
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951205
Manifest ID:	95573864
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.84
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951130
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951201
Manifest ID:	95573842
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.463
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD982444481
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	24202071
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL
Trans 2 EPA ID:	AZT050010008
Trans 2 Name:	CTI
TSDF EPA ID:	AZD009015389
Trans Name:	ROMIC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	20051230
Creation Date:	7/11/2006 18:33:41
Receipt Date:	20060104
Manifest ID:	25145327
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.9
Waste Quantity:	500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051230
Creation Date:	3/22/2006 18:32:18
Receipt Date:	20060104
Manifest ID:	25151101
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051230
Creation Date:	5/27/2006 18:30:56
Receipt Date:	20060123
Manifest ID:	24508953
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051230
Creation Date:	3/22/2006 18:30:36
Receipt Date:	20051230
Manifest ID:	25145212
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000002428
Trans Name:	COPPER MOUNTAIN LANDFILL
TSDF Alt EPA ID:	AZR000002428
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051230
Creation Date:	3/22/2006 18:32:18
Receipt Date:	20051230
Manifest ID:	24205353
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	12.6
Waste Quantity:	3000
Quantity Unit:	G

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051230
Creation Date:	6/22/2006 18:32:46
Receipt Date:	20060112
Manifest ID:	23810234
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0000337360
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	AZ0000337360
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.00551
Waste Quantity:	5
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051229
Creation Date:	7/11/2006 18:33:41
Receipt Date:	20060104
Manifest ID:	25145338
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.228
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051229
Creation Date:	6/22/2006 18:32:46
Receipt Date:	20060113

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Manifest ID:	25145239
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051229
Creation Date:	6/22/2006 18:32:46
Receipt Date:	20060113
Manifest ID:	25145240
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAD982444481

Shipment Date:	20151231
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20151231
Manifest ID:	014580817JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	12
Waste Quantity:	12
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151231
Creation Date:	3/5/2016 22:15:15
Receipt Date:	20160108
Manifest ID:	014580737JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151231
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20160102
Manifest ID:	014580782JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

	Regeneration, Organics Recovery Ect
Quantity Tons:	14
Waste Quantity:	14
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151230
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20160102
Manifest ID:	014580981JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	18.765
Waste Quantity:	4500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151230
Creation Date:	6/26/2015 22:15:23
Receipt Date:	20150109
Manifest ID:	013482409JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	3.3712
Waste Quantity:	4
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151229
Creation Date:	2/10/2016 22:15:31
Receipt Date:	20151229
Manifest ID:	014580805JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151228
Creation Date:	2/10/2016 22:15:31
Receipt Date:	20151228
Manifest ID:	014580807JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151228
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20160102
Manifest ID:	014580785JJK

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	19.76997
Waste Quantity:	4741
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151226
Creation Date:	2/10/2016 22:15:31
Receipt Date:	20151226
Manifest ID:	014580802JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151226
Creation Date:	2/10/2016 22:15:31
Receipt Date:	20151226
Manifest ID:	014580804JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 20
Waste Quantity: 20
Quantity Unit: T
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAD982444481

Shipment Date: 20111230
Creation Date: 3/16/2012 20:30:29
Receipt Date: 20111230
Manifest ID: 009218247JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZR000506980
Trans Name: SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 8.428
Waste Quantity: 10
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111230
Creation Date: 3/16/2012 20:30:29
Receipt Date: 20111230
Manifest ID: 009215808JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZR000506980
Trans Name: SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111230
Creation Date:	3/16/2012 20:30:29
Receipt Date:	20111230
Manifest ID:	009215809JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111230
Creation Date:	6/4/2013 22:15:22
Receipt Date:	Not reported
Manifest ID:	009215868JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000144367
Trans Name:	OPTI-FORMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	2.992
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111229
Creation Date:	3/16/2012 20:30:29
Receipt Date:	20111229
Manifest ID:	009215829JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111228
Creation Date:	3/16/2012 20:30:29
Receipt Date:	20111228
Manifest ID:	009215830JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111228
Creation Date:	3/17/2012 20:30:10
Receipt Date:	20111228
Manifest ID:	009218201JJK

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.96
Waste Quantity:	1200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111228
Creation Date:	3/16/2012 20:30:29
Receipt Date:	20111228
Manifest ID:	009215807JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111227
Creation Date:	3/16/2012 20:30:29
Receipt Date:	20111227
Manifest ID:	009215814JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111227
Creation Date:	3/13/2012 20:30:22
Receipt Date:	20111227
Manifest ID:	009215805JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAD982444481
Shipment Date:	20091230
Creation Date:	3/11/2010 18:30:08
Receipt Date:	20100104
Manifest ID:	006370129JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091229
Creation Date:	3/11/2010 18:30:08
Receipt Date:	20091229
Manifest ID:	006645189JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091229
Creation Date:	3/11/2010 18:30:08
Receipt Date:	20091229
Manifest ID:	006645496JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091229
Creation Date:	3/11/2010 18:30:08
Receipt Date:	20091229
Manifest ID:	006645188JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091228
Creation Date:	3/11/2010 18:30:08
Receipt Date:	20091228
Manifest ID:	006645495JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091228
Creation Date:	3/11/2010 18:30:08
Receipt Date:	20091228

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Manifest ID:	006645190JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091228
Creation Date:	3/11/2010 18:30:08
Receipt Date:	20091228
Manifest ID:	006645172JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091223
Creation Date:	3/5/2010 18:30:31
Receipt Date:	20091223
Manifest ID:	006645184JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091223
Creation Date:	3/5/2010 18:30:31
Receipt Date:	20091223
Manifest ID:	006645396JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091223
Creation Date:	3/5/2010 18:30:31
Receipt Date:	20091223
Manifest ID:	006645183JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAD982444481
Shipment Date:	20121231
Creation Date:	3/7/2013 22:15:18
Receipt Date:	20121231
Manifest ID:	010971398JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121231
Creation Date:	3/7/2013 22:15:18
Receipt Date:	20121231
Manifest ID:	010971399JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121231
Creation Date:	3/7/2013 22:15:18
Receipt Date:	20121231
Manifest ID:	010971401JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121231
Creation Date:	3/7/2013 22:15:18
Receipt Date:	20130102
Manifest ID:	010964652JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121231
Creation Date:	3/7/2013 22:15:18

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Receipt Date:	20121231
Manifest ID:	010971404JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121231
Creation Date:	3/7/2013 22:15:18
Receipt Date:	20121231
Manifest ID:	010971277JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121228
Creation Date:	2/18/2013 22:15:20
Receipt Date:	20121228
Manifest ID:	010971405JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121228
Creation Date:	2/18/2013 22:15:20
Receipt Date:	20121229
Manifest ID:	010971281JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.016
Waste Quantity:	4800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121228
Creation Date:	2/18/2013 22:15:20
Receipt Date:	20121229
Manifest ID:	010971283JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121228
Creation Date:	2/18/2013 22:15:20
Receipt Date:	20121229
Manifest ID:	010971396JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD982444481
Shipment Date:	19961231
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961231
Manifest ID:	96318661
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961231
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19970106
Manifest ID:	93781269
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.249
Waste Quantity:	498
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961230
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961230
Manifest ID:	96318602
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	8.36
Waste Quantity:	2200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961230
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961231
Manifest ID:	96318657

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZC022693359
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961230
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961230
Manifest ID:	96318476
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.675
Waste Quantity:	1350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961230
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961231
Manifest ID:	96318662
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	2.09
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961230
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961230
Manifest ID:	96318476
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	1.19
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961230
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961231
Manifest ID:	96318580
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZC022693359
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 5:	Not reported
Shipment Date:	19961230
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961231
Manifest ID:	96318552
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961228
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19970102
Manifest ID:	96318653
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZC022693359
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD982444481
Shipment Date:	19941229
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19941229

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Manifest ID:	95014146
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.14
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941223
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941223
Manifest ID:	95014127
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.66
Waste Quantity:	700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941221
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941221
Manifest ID:	95014142
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	6.93
Waste Quantity:	1650
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941219
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941219
Manifest ID:	95014137
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	8.34
Waste Quantity:	2000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941216
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19941228
Manifest ID:	95014125
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.76
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941214
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19941229
Manifest ID:	95014126
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.525
Waste Quantity:	125
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941209
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941222
Manifest ID:	95014120
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.14
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941209
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941213
Manifest ID:	95014102
Trans EPA ID:	CAD982444481
Trans Name:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	1.14
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941209
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19941229
Manifest ID:	95014116
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941209
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941219
Manifest ID:	95014115
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Quantity Tons:	2.142
Waste Quantity:	510
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD982444481
Shipment Date:	20141231
Creation Date:	6/25/2015 22:15:19
Receipt Date:	20150102
Manifest ID:	013482379JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000003681
Trans Name:	THERMO FLUIDS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	20.14
Waste Quantity:	5300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141231
Creation Date:	6/25/2015 22:15:19
Receipt Date:	20150102
Manifest ID:	013482380JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000003681
Trans Name:	THERMO FLUIDS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	20.14
Waste Quantity:	5300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141231
Creation Date:	6/25/2015 22:15:19
Receipt Date:	20150102
Manifest ID:	013482394JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000003681
Trans Name:	THERMO FLUIDS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	19.76
Waste Quantity:	5200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141230
Creation Date:	5/7/2015 22:15:07
Receipt Date:	20141230
Manifest ID:	013482383JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141230
Creation Date:	2/24/2015 22:15:05
Receipt Date:	20141230
Manifest ID:	013482381JJK

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20
Waste Quantity:	20
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141230
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20150115
Manifest ID:	013482389JJK
Trans EPA ID:	CAR000121731
Trans Name:	WBR TRANSPORTATION LLC
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC TRANSPORTATION
TSDF EPA ID:	UTC093012201
Trans Name:	EAST CARBON DEVELOPMENT CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141226
Creation Date:	3/3/2015 22:14:59
Receipt Date:	20141230
Manifest ID:	013482375JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141226
Creation Date:	2/14/2015 22:15:08
Receipt Date:	20141226
Manifest ID:	013482371JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	10
Waste Quantity:	10
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141226
Creation Date:	2/14/2015 22:15:08
Receipt Date:	20141226
Manifest ID:	013482370JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	10
Waste Quantity:	10

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141226
Creation Date:	2/24/2015 22:15:05
Receipt Date:	20141227
Manifest ID:	013482374JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000506980
Trans Name:	SOUTH YUMA COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD982444481
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	21704367
Trans EPA ID:	CAD000603738
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.65
Waste Quantity:	1300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021231
Creation Date:	1/25/2005 14:11:44
Receipt Date:	20030116
Manifest ID:	21331330
Trans EPA ID:	CAR000121731
Trans Name:	Not reported
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	UTC093012201
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021231
Creation Date:	1/25/2005 12:54:39
Receipt Date:	20030115
Manifest ID:	22224370
Trans EPA ID:	CAR000121731
Trans Name:	Not reported
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021231
Creation Date:	3/30/2003 18:31:13
Receipt Date:	20030102
Manifest ID:	21331277
Trans EPA ID:	CAD982444481
Trans Name:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	4.104
Waste Quantity:	1080
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021231
Creation Date:	1/25/2005 12:43:26
Receipt Date:	Not reported
Manifest ID:	22224376
Trans EPA ID:	CAR000121731
Trans Name:	Not reported
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021230
Creation Date:	3/31/2003 18:31:15
Receipt Date:	20021230
Manifest ID:	22157547
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Quantity Tons:	1.463
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021230
Creation Date:	4/1/2003 18:31:07
Receipt Date:	20021231
Manifest ID:	21331325
Trans EPA ID:	CAR000036160
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZC950823111
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021230
Creation Date:	1/25/2005 12:54:15
Receipt Date:	20030108
Manifest ID:	22157531
Trans EPA ID:	CAR000121731
Trans Name:	Not reported
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	Not reported
TSDF EPA ID:	UTC093012201
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Shipment Date:	20021230
Creation Date:	3/31/2003 18:31:15
Receipt Date:	20021230
Manifest ID:	21702710
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.08
Waste Quantity:	1600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021230
Creation Date:	3/31/2003 18:31:15
Receipt Date:	20021230
Manifest ID:	21331280
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.608
Waste Quantity:	160
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ICE:

Envirostor ID:	3001462
Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Address:	180 W MONTE AVE UNIT A
City,State,Zip:	RIALTO, CA 92316
EPA ID:	CAD982444481
Site Type:	INSPECTION
Facility Status:	Significant Non-Complier

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Enforcement:
Action Type: Final Civil / Judicial Action (610)
Action Date: 11/10/2004

Action Type: Initial Civil Filing AG (510)
Action Date: 12/05/2012

Action Type: Final Civil / Judicial Action (610)
Action Date: 02/07/2018

Inspection:
Action Type: Financial Records Review - Standardized Permit
Action Date: 07/13/2021
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 06/21/2021
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 06/18/2019
Violation Class: Minor
RTC Date: 07/15/2019

Action Type: Financial Records Review - Standardized Permit
Action Date: 06/26/2019
Violation Class: Minor
RTC Date: 07/15/2019

Action Type: Financial Records Review - Standardized Permit
Action Date: 04/06/2018
Violation Class: Class 2
RTC Date: 05/04/2018

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 07/02/2014
Violation Class: Class 1, Minor
RTC Date: Not reported

Action Type: Financial Records Review - Standardized Permit
Action Date: 08/20/2014
Violation Class: No Violations
RTC Date: Not reported

Action Type: Follow-up Inspection - Standardized Permit
Action Date: 04/09/2012
Violation Class: Class 1
RTC Date: 02/20/2018

Action Type: Follow-up Inspection - Standardized Permit
Action Date: 11/15/2001
Violation Class: Class 1, Minor
RTC Date: 01/22/2002

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 03/25/2008
Violation Class: Class 2
RTC Date: 05/20/2008

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 06/22/2005
Violation Class: Minor
RTC Date: 06/23/2005

Action Type: Financial Records Review - Standardized Permit
Action Date: 04/17/2008
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 06/29/2009
Violation Class: Class 1
RTC Date: 10/21/2014

Action Type: Follow-up Inspection - Standardized Permit
Action Date: 06/30/2003
Violation Class: Class 2
RTC Date: 07/03/2003

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 04/23/1997
Violation Class: Class 2, Minor
RTC Date: 05/24/1997

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 06/28/2006
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Standardized Permit
Action Date: 11/15/2001
Violation Class: Minor
RTC Date: 01/22/2002

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 12/18/2000
Violation Class: Minor
RTC Date: 02/09/2001

Action Type: Financial Records Review - Standardized Permit
Action Date: 06/30/2009
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 09/19/2003
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Standardized Permit
Action Date: 12/15/2000

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 06/23/2004
Violation Class: Class 2, Minor
RTC Date: 07/23/2004

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 06/12/2006
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Standardized Permit
Action Date: 06/20/2007
Violation Class: Minor
RTC Date: 07/16/2007

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 04/29/2004
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 05/21/2002
Violation Class: No Violations
RTC Date: Not reported

Action Type: Focused Compliance Inspection - Universal Waste Electronics Collector
Action Date: 11/16/2009
Violation Class: Minor
RTC Date: 11/16/2009

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 06/13/2007
Violation Class: Class 2, Minor
RTC Date: 07/14/2007

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 06/03/2005
Violation Class: No Violations
RTC Date: Not reported

Action Type: Follow-up Inspection - Standardized Permit
Action Date: 06/21/1999
Violation Class: Class 1
RTC Date: 11/11/1999

HWP:
EPA ID: CAD982444481
Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Address: 180 W MONTE AVE
Cleanup Status: OPERATING PERMIT
Latitude: 34.06117
Longitude: -117.3722
Facility Type: Permitted - Operating

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Facility Size:	Standardized Series A
Supervisor:	MUZHDA FEROUZ
Site Code:	400463
Senate District:	20
Assembly District:	47
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Treatment Facilities, Used Oil / Antifreeze, Other
Quarterly Update:	QUARTERLY UPDATE Quarterly Update Period: April - June 2021 Permit Renewal: HAZMAT TSDF, Inc. (HAZMAT), formerly known as Filter Recycling Services, Rialto (FRS), submitted a permit renewal application on July 12, 2011. DTSC is reviewing the permit renewal application for technical completeness. DTSC issued a third Notice of Deficiency on May 31, 2019. DTSC received the response to the third Notice of Deficiency and revised application on September 13, 2019. FACILITY DESCRIPTION/HISTORY HAZMAT is located at 180 West Monte Avenue in Rialto. It is located in an industrial area, the Agua Mansa Industrial Corridor, zoned H-IND, Heavy Industrial. The Agua Mansa Redevelopment Project begun in the late 1980s has led to the gradual replacement of old orchard land with a variety of industrial operations. The Facility has been in operation at its present location since 1990. The Facility is permitted to store liquid and solid hazardous waste in containers. Wastes that are stored at the site include used oil, paint, ink, resins/glues, and oil contaminated soil/debris and other solids. The six treatment units at the site include: #1 Shredder/Separator, #2 Shredder/Separator Paint Waste, #3 Drum Crusher/Bailer, #4 Aerosol Can Puncturing Paints, #5 Aerosol Can Puncturing - Oil, and #7 Container Decontamination. The four storage units at the site include: #8 Waste Storage (Interior), #9 Waste Storage (Exterior), #10 Waste Storage (Interior Area 10), and #11 Waste Storage (Exterior South Area). PERMITTING REGULATORY DESCRIPTION/HISTORY FRS was granted Interim Status in 1993. A 1997 Consent Order allowed FRS to continue to operate as a treatment and storage facility pending final decision on its standardized permit application. DTSC issued a Standardized Hazardous Waste Facility Permit on December 17, 2001. The decision was appealed. The permit decision was stayed and FRS continued to operate under the terms and conditions of the Consent Order. On October 23, 2006, DTSC rescinded the stay of the permit decision and the Standardi
Project Manager Lead:	Not reported
Project Manager:	KAREN STEEN
Permit Type:	Standardized
Permit Effective Date:	10/23/2006 (OP),
Permit Expiration Date:	01/21/2012 (OP),
Calenviroscreen Score:	96-100% (highest scores)
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	0

Activities:

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Permit Being Modified:	New Operating Permit
Final Date:	2019-08-16 00:00:00
Type:	STND
Title Description:	Revised Training Plan effective 6/10/2019
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	Mod Class 1 - No Prior Approval Required - UPDATED APPLICATION RECEIVED
Actual Date:	08/16/2019
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2019-08-16 00:00:00
Type:	STND
Title Description:	Revised Training Plan effective 6/10/2019
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date:	08/16/2019
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Title Description:	Series A Permit Renewal #1
Due Date:	11/28/2012
Comments:	Resumed after Class 2 Mod and appeal completed.
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	Renewal - With Changes - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Actual Date:	03/01/2015
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	DTSC issued the final permit on 12/17/2001 with an effective date of 1/22/2002. The Final Appeal Order made the permit effective 10/23/2006.
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date:	01/21/2012
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	DTSC issued the final permit on 12/17/2001 with an effective date of

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

	1/22/2002. The Final Appeal Order made the permit effective 10/23/2006.
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date:	10/23/2006
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2019-08-16 00:00:00
Type:	STND
Title Description:	Revised Training Plan effective 6/10/2019
Due Date:	Not reported
Comments:	Non-RCRA Activities Permit Mod (req d due to change in regulation)
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	Mod Class 1 - No Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date:	08/16/2019
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	11/19/2012
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description: *Mod Class 2 - 2 or More Units - DRAFT PERMIT MODIFICATION
Actual Date: 02/15/2013

EPA ID: CAD982444481
Facility Type: Permitted - Operating
Facility Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager: KAREN STEEN
Project Manager Lead: Not reported
Supervisor: MUZHDA FEROUZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2001-12-17 00:00:00
Type: STND
Title Description: New Operating Permit , Series A
Due Date: Not reported
Comments: Negative Declaration for Class II modification
Unit Names: Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description: New Operating Permit - FINAL CEQA
Actual Date: 04/21/2014

EPA ID: CAD982444481
Facility Type: Permitted - Operating
Facility Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager: KAREN STEEN
Project Manager Lead: Not reported
Supervisor: MUZHDA FEROUZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: Not reported
Type: STND
Title Description: Series A Permit Renewal #1
Due Date: 10/28/2017
Comments: Revised application dated 4/30/2018.
Unit Names: Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior)

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

(S2)
Event Description: Renewal - With Changes - RESPONSE TO 2ND NOD RECEIVED
Actual Date: 05/09/2018

EPA ID: CAD982444481
Facility Type: Permitted - Operating
Facility Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager: KAREN STEEN
Project Manager Lead: Not reported
Supervisor: MUZHDA FEROUZ
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2019-08-16 00:00:00
Type: STND
Title Description: Revised Training Plan effective 6/10/2019
Due Date: Not reported
Comments: Not reported
Unit Names: Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 08/16/2019

EPA ID: CAD982444481
Facility Type: Permitted - Operating
Facility Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager: KAREN STEEN
Project Manager Lead: Not reported
Supervisor: MUZHDA FEROUZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2001-12-17 00:00:00
Type: STND
Title Description: New Operating Permit , Series A
Due Date: Not reported
Comments: Not reported
Unit Names: Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description: New Operating Permit - PERMIT APPEALED - APPEAL RECEIVED
Actual Date: 01/22/2002

EPA ID: CAD982444481

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - PUBLIC COMMENT (END)
Actual Date:	02/14/1998

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Series A Permit Renewal #1
Due Date:	09/13/2019
Comments:	120d extension requested, 60d granted. Full electronic submittal rec d 9/13 and full hard copy submittal rec d 9/16/2019.
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	Renewal - With Changes - RESPONSE TO 3RD NOD RECEIVED
Actual Date:	09/13/2019

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	11/19/2012
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	*Mod Class 2 - 2 or More Units - PUBLIC COMMENT (BEGIN)
Actual Date:	02/15/2013

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	11/12/2012
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	*Mod Class 2 - 2 or More Units - TECHNICAL COMPLETE LETTER
Actual Date:	02/12/2013

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	*Mod Class 2 - 2 or More Units - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date:	02/03/2015
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date:	07/31/1997
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Series A Permit Renewal #1
Due Date:	Not reported
Comments:	"Update" to original timely renewal application dated

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

7/12/2011.
Unit Names: Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description: Renewal - With Changes - APPLICATION PART A RECEIVED
Actual Date: 10/29/2012

EPA ID: CAD982444481
Facility Type: Permitted - Operating
Facility Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager: KAREN STEEN
Project Manager Lead: Not reported
Supervisor: MUZHDA FEROUZ
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 2 - 2 or More Units
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2014-04-21 00:00:00
Type: STND
Title Description: Truck to Truck Transfer
Due Date: Not reported
Comments: Not reported
Unit Names: Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description: *Mod Class 2 - 2 or More Units - APPLICATION PART B RECEIVED
Actual Date: 02/24/2008

EPA ID: CAD982444481
Facility Type: Permitted - Operating
Facility Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager: KAREN STEEN
Project Manager Lead: Not reported
Supervisor: MUZHDA FEROUZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2001-12-17 00:00:00
Type: STND
Title Description: New Operating Permit , Series A
Due Date: Not reported
Comments: DTSC issued the final permit on 12/17/2001 with an effective date of 1/22/2002. The Final Appeal Order made the permit effective 10/23/2006.
Unit Names: Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)

Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 12/17/2001

EPA ID: CAD982444481
Facility Type: Permitted - Operating
Facility Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager: KAREN STEEN
Project Manager Lead: Not reported
Supervisor: MUZHDA FEROUZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2001-12-17 00:00:00
Type: STND
Title Description: New Operating Permit , Series A
Due Date: Not reported
Comments: Not reported
Unit Names: Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)

Event Description: New Operating Permit - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 04/09/1997

EPA ID: CAD982444481
Facility Type: Permitted - Operating
Facility Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager: KAREN STEEN
Project Manager Lead: Not reported
Supervisor: MUZHDA FEROUZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: Not reported
Type: STND
Title Description: Series A Permit Renewal #1
Due Date: Not reported
Comments: Not reported
Unit Names: Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior)

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

(S2)
Event Description: Renewal - With Changes - APPLICATION PART B RECEIVED
Actual Date: 10/29/2012

EPA ID: CAD982444481
Facility Type: Permitted - Operating
Facility Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager: KAREN STEEN
Project Manager Lead: Not reported
Supervisor: MUZHDA FEROUZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: Not reported
Type: STND
Title Description: Series A Permit Renewal #1
Due Date: 12/06/2016
Comments: Revised application dated 1/12/2017.
Unit Names: Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description: Renewal - With Changes - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 01/17/2017

EPA ID: CAD982444481
Facility Type: Permitted - Operating
Facility Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager: KAREN STEEN
Project Manager Lead: Not reported
Supervisor: MUZHDA FEROUZ
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: *Mod Class 2 - 2 or More Units
Final Date: 2018-11-09 00:00:00
Type: STND
Title Description: Name Change from FRS to HAZMAT TSDF, Inc. effective 11/1/2018
Due Date: Not reported
Comments: Non-RCRA Activities Permit Mod
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date: 11/09/2018

EPA ID: CAD982444481
Facility Type: Permitted - Operating
Facility Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager: KAREN STEEN
Project Manager Lead: Not reported
Supervisor: MUZHDA FEROUZ
Facility Status: OPERATING PERMIT

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2019-08-16 00:00:00
Type:	STND
Title Description:	Revised Training Plan effective 6/10/2019
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date:	01/21/2012
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Series A Permit Renewal #1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	Renewal - With Changes - ADMINISTRATIVE REVIEW APPROVED
Actual Date:	03/01/2015
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	*Mod Class 2 - 2 or More Units
Final Date:	2018-11-09 00:00:00

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Type:	STND
Title Description:	Name Change from FRS to HAZMAT TSDF, Inc. effective 11/1/2018
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date:	11/09/2018
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	*Mod Class 2 - 2 or More Units - PUBLIC COMMENT (PUBLIC HEARING)
Actual Date:	03/19/2013
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Event Description:	*Mod Class 2 - 2 or More Units - FINAL PERMIT MODIFICATION
Actual Date:	04/21/2014
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	04/01/1994
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - 3RD NOTICE OF DEFICIENCY ISSUED
Actual Date:	08/26/1997
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Series A Permit Renewal #1
Due Date:	09/16/2016
Comments:	Revised to accommodate legal review. NOD meeting with FRS 10/21/2016.
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	Renewal - With Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date:	09/26/2016

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	Consent Order (Docket HWCA 97/98-2014) authorized cont’d operation beyond IS termination on 1/1/1998 until Std Permit application decision.
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - DRAFT PERMIT
Actual Date:	12/31/1997

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Series A Permit Renewal #1
Due Date:	01/11/2019
Comments:	NOD call with HAZMAT on 8/13/2019.
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	Renewal - With Changes - 3RD NOTICE OF DEFICIENCY ISSUED
Actual Date:	05/31/2019

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - PERMIT APPEALED - FINAL DECISION
Actual Date:	10/23/2006

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date:	01/02/1998
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	*Mod Class 2 - 2 or More Units - PUBLIC COMMENT (END)
Actual Date:	04/02/2013
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Actual Date:	09/24/1993
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - CALL-IN LETTER ISSUED
Actual Date:	03/31/1994
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

	Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	*Mod Class 2 - 2 or More Units - FINAL PART A & PART B RECEIVED
Actual Date:	04/13/2011
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	Not reported
Comments:	Draft Negative Declaration, Initial Study, Notice of Completion
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	*Mod Class 2 - 2 or More Units - DRAFT CEQA
Actual Date:	02/13/2013
EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	*Mod Class 2 - 2 or More Units - PUBLIC COMMENT (PUBLIC MEETING)
Actual Date:	03/19/2013

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	*Mod Class 2 - 2 or More Units - FINAL CEQA
Actual Date:	04/21/2014

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 2 - 2 or More Units
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2014-04-21 00:00:00
Type:	STND
Title Description:	Truck to Truck Transfer
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	*Mod Class 2 - 2 or More Units - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date:	01/21/2012

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Series A Permit Renewal #1
Due Date:	09/15/2017
Comments:	NOD meeting with FRS on 3/7/2018.
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	Renewal - With Changes - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date:	12/27/2017

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date:	12/31/1997

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Final Date:	2001-12-17 00:00:00
Type:	STND
Title Description:	New Operating Permit , Series A
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Unit #1 - SHREDDER/SEPARATOR- OIL WASTE (T1), Unit #10 - Waste Storage (Interior Area 10)(S3), Unit #11 - Waste Storage Exterior Unit - South Area (S4), Unit #2 - SHREDDER/SEPARATOR - PAINT WASTE (T2), Unit #3 - DRUM CRUSHER/BAILER (T3), Unit #4 - Aerosol Can Punctruring - Paints (T4), Unit #5 - Aerosol Can Puncturing - Oil (T5), Unit #6 - Oily Water Storage (T6), Unit #7 - Container Decontamination (T7), Unit #8 - Waste Storage (Interior) (S1), Unit #9 - Waste Storage (Exterior) (S2)
Event Description:	New Operating Permit - PUBLIC COMMENT (PUBLIC MEETING)
Actual Date:	03/26/1998

Maint:

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Title:	Acknowledgement Letter for VSP Challenge Public Meeting
Document Type:	Correspondence
Receive Date:	05/06/2021
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Due Date:	Not reported

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Title:	VSP 2019 tier assignment
Document Type:	Letter from Facility
Receive Date:	02/05/2021
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Due Date:	Not reported

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Title:	66264.16(f) Training Certification
Document Type:	Certification Documents from Facility
Receive Date:	02/26/2021
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Due Date:	Not reported

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Title:	VSP Hearing - Stayed

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Document Type:	Meeting with Facility
Receive Date:	05/19/2021
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Facility Status:	OPERATING PERMIT
Due Date:	Not reported

Alias:

EPA ID:	CAD982444481
Facility Type:	Permitted - Operating
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Facility Status:	OPERATING PERMIT
Project Manager:	KAREN STEEN
Project Manager Lead:	Not reported
Supervisor:	MUZHDA FEROUZ
Alias Type:	Project Code (Site Code)
Alias:	400463

WDS:

Name:	FILTER RECYCLING SERVICE
Address:	180 W MONTE AVE
City:	RIALTO
Facility ID:	Santa Ana River 36I012307
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	9094212012
Facility Contact:	WADE RIDDERING
Agency Name:	FILTER RECYCLING SERVICE
Agency Address:	2230 RIVERSIDE AVE.
Agency City,St,Zip:	RIALTO 92317
Agency Contact:	JOHN BENNETT JR.
Agency Telephone:	9094211630
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:
Name: FILTER RECYCLING SERVICES INC
Address: 180 W MONTE AVE UNIT A
City,State,Zip: RIALTO, CA 923160000
Site ID: 225846
CERS ID: CAD982444481
CERS Description: Hazardous Waste

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-25-2008
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Standardized Permit Return To Compliance: 2008-05-20 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-28-2018
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Standardized Permit
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Followup Inspection
Eval Date: 04-09-2012
Violations Found: Yes
Eval Type: DTSC Follow-up Inspection
Eval Notes: Follow-up Inspection - Standardized Permit Return To Compliance: 2018-02-20 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Information Request
Eval Date: 04-29-2004
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-13-2007
Violations Found:	Yes
Eval Type:	DTSC Compliance Evaluation Inspection
Eval Notes:	Compliance Evaluation Inspection - Standardized Permit Return To Compliance: 2007-07-14 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-23-2004
Violations Found:	Yes
Eval Type:	DTSC Compliance Evaluation Inspection
Eval Notes:	Compliance Evaluation Inspection - Standardized Permit Return To Compliance: 2004-07-23 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Information Request
Eval Date:	09-19-2003
Violations Found:	No
Eval Type:	DTSC Financial Records Review
Eval Notes:	Financial Records Review - Treatment, Storage and Disposal
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-23-1997
Violations Found:	Yes
Eval Type:	DTSC Compliance Evaluation Inspection
Eval Notes:	Compliance Evaluation Inspection - Standardized Permit Return To Compliance: 1997-05-24 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Information Request
Eval Date:	06-03-2005
Violations Found:	No
Eval Type:	DTSC Financial Records Review
Eval Notes:	Financial Records Review - Treatment, Storage and Disposal
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Followup Inspection
Eval Date:	06-21-1999
Violations Found:	Yes
Eval Type:	DTSC Follow-up Inspection
Eval Notes:	Follow-up Inspection - Standardized Permit Return To Compliance:

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

	1999-11-11 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-22-2005
Violations Found:	Yes
Eval Type:	DTSC Compliance Evaluation Inspection
Eval Notes:	Compliance Evaluation Inspection - Standardized Permit Return To Compliance: 2005-06-23 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Information Request
Eval Date:	06-28-2006
Violations Found:	No
Eval Type:	DTSC Financial Records Review
Eval Notes:	Financial Records Review - Treatment, Storage and Disposal
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Followup Inspection
Eval Date:	06-30-2003
Violations Found:	Yes
Eval Type:	DTSC Follow-up Inspection
Eval Notes:	Follow-up Inspection - Standardized Permit Return To Compliance: 2003-07-03 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-02-2014
Violations Found:	Yes
Eval Type:	DTSC Compliance Evaluation Inspection
Eval Notes:	Compliance Evaluation Inspection - Standardized Permit
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Information Request
Eval Date:	08-20-2014
Violations Found:	No
Eval Type:	DTSC Financial Records Review
Eval Notes:	Financial Records Review - Standardized Permit
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Information Request
Eval Date:	11-15-2001
Violations Found:	Yes
Eval Type:	DTSC Financial Records Review
Eval Notes:	Financial Records Review - Standardized Permit Return To Compliance:

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

	2002-01-22 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Information Request
Eval Date:	12-15-2000
Violations Found:	No
Eval Type:	DTSC Financial Records Review
Eval Notes:	Financial Records Review - Standardized Permit
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Information Request
Eval Date:	04-06-2018
Violations Found:	Yes
Eval Type:	DTSC Financial Records Review
Eval Notes:	Financial Records Review - Standardized Permit Return To Compliance: 2018-05-04 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Information Request
Eval Date:	04-17-2008
Violations Found:	No
Eval Type:	DTSC Financial Records Review
Eval Notes:	Financial Records Review - Standardized Permit
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-12-2006
Violations Found:	No
Eval Type:	DTSC Compliance Evaluation Inspection
Eval Notes:	Compliance Evaluation Inspection - Standardized Permit
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Information Request
Eval Date:	06-20-2007
Violations Found:	Yes
Eval Type:	DTSC Financial Records Review
Eval Notes:	Financial Records Review - Standardized Permit Return To Compliance: 2007-07-16 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-29-2009
Violations Found:	Yes
Eval Type:	DTSC Compliance Evaluation Inspection
Eval Notes:	Compliance Evaluation Inspection - Standardized Permit Return To

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

	Compliance: 2014-10-21 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Information Request
Eval Date:	06-30-2009
Violations Found:	No
Eval Type:	DTSC Financial Records Review
Eval Notes:	Financial Records Review - Standardized Permit
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Followup Inspection
Eval Date:	11-15-2001
Violations Found:	Yes
Eval Type:	DTSC Follow-up Inspection
Eval Notes:	Follow-up Inspection - Standardized Permit Return To Compliance: 2002-01-22 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-18-2000
Violations Found:	Yes
Eval Type:	DTSC Compliance Evaluation Inspection
Eval Notes:	Compliance Evaluation Inspection - Standardized Permit Return To Compliance: 2001-02-09 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Information Request
Eval Date:	05-21-2002
Violations Found:	No
Eval Type:	DTSC Financial Records Review
Eval Notes:	Financial Records Review - Treatment, Storage and Disposal
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-16-2009
Violations Found:	Yes
Eval Type:	DTSC Focused Compliance Inspection
Eval Notes:	Focused Compliance Inspection - Universal Waste Electronics Collector Return To Compliance: 2009-11-16 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ

Enforcement Action:

Site ID:	225846
Site Name:	FILTER RECYCLING SERVICES INC
Site Address:	180 W MONTE AVE UNIT A

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Site City: RIALTO
Site Zip: 923160000
Enf Action Date: 02-07-2018
Enf Action Type: Final Civil / Judicial Action
Enf Action Description: Final Civil / Judicial Action
Enf Action Notes: Not reported
Enf Action Division: Department of Toxic Substances Control
Enf Action Program: DTSC_ENF
Enf Action Source: ENVSTORHAZ

Site ID: 225846
Site Name: FILTER RECYCLING SERVICES INC
Site Address: 180 W MONTE AVE UNIT A
Site City: RIALTO
Site Zip: 923160000
Enf Action Date: 11-10-2004
Enf Action Type: Final Civil / Judicial Action
Enf Action Description: Final Civil / Judicial Action
Enf Action Notes: Not reported
Enf Action Division: Department of Toxic Substances Control
Enf Action Program: DTSC_ENF
Enf Action Source: ENVSTORHAZ

Site ID: 225846
Site Name: FILTER RECYCLING SERVICES INC
Site Address: 180 W MONTE AVE UNIT A
Site City: RIALTO
Site Zip: 923160000
Enf Action Date: 12-05-2012
Enf Action Type: Initial Civil Filing with Attorney General
Enf Action Description: Initial Civil Filing with Attorney General
Enf Action Notes: Not reported
Enf Action Division: Department of Toxic Substances Control
Enf Action Program: DTSC_ENF
Enf Action Source: ENVSTORHAZ

Affiliation:
Affiliation Type Desc: Facility Owner
Entity Name: FILTER RECYCLING SERVICES INC
Entity Title: Not reported
Affiliation Address: PO BOX 449
Affiliation City: COLTON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 923240449
Affiliation Phone: 9098734141

Affiliation Type Desc: Public Participation Specialist
Entity Name: TIMOTHY CHAUVEL
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Affiliation Type Desc: Facility Contact
Entity Name: WADE RIDDERING/TRANSPORTATION
Entity Title: Not reported
Affiliation Address: PO BOX 449
Affiliation City: COLTON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 923240449
Affiliation Phone: 9098734141

Name: FILTER RECYCLING SER
Address: 180 W MONTE AVE
City,State,Zip: RIALTO, CA 923160000
Site ID: 337359
CERS ID: 80001495
CERS Description: Corrective Action

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: * Unknown
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Address: 180 W MONTE AVE
Address 2: Not reported
City,State,Zip: RIALTO, CA 923160000
EPA ID: CAD982444481
Inactive Date: Not reported
Create Date: 09/20/1990
Last Act Date: 11/28/2018
Mailing Name: Not reported
Mailing Address: 180 W MONTE AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: RIALTO, CA 923160000
Owner Name: FILTER RECYCLING SERVICES INC.
Owner Address: 180 W MONTE AVE
Owner Address 2: Not reported
Owner City,State,Zip: RIALTO, CA 923160000
Contact Name: JON BENNETT JR
Contact Address: 180 W MONTE AVE
Contact Address 2: Not reported
City,State,Zip: RIALTO, CA 923160000

NAICS:
EPA ID: CAD982444481
Create Date: 2009-12-03 12:41:18.000
NAICS Code: 56292
NAICS Description: Materials Recovery Facilities
Issued EPA ID Date: 1990-09-20 00:00:00

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES INC (Continued) **1000473043**

Inactive Date:	Not reported
Facility Name:	HAZMAT TSDF INC FORMER FILTER RECYCLING SERVICES INC
Facility Address:	180 W MONTE AVE
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	923160000

---

97 **FONTANA PLATING FACILITY** **CA ENVIROSTOR** **S113177665**
SSE **130 WEST MINDANAO STREET** **CA VCP** **N/A**
1/2-1 **BLOOMINGTON, CA 92316** **CA HAZNET**
0.616 mi. **CA HWTS**
3250 ft.

Relative:
Lower

Actual:
1004 ft.

ENVIROSTOR:

Name:	FONTANA PLATING FACILITY
Address:	130 WEST MINDANAO STREET
City,State,Zip:	BLOOMINGTON, CA 92316
Facility ID:	60002429
Status:	Active
Status Date:	10/25/2019
Site Code:	401762
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Aslam Shareef
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	, 47
Senate:	, 20
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.06026
Longitude:	-117.3711
APN:	0258-191-03-0000
Past Use:	METAL PLATING - OTHER
Potential COC:	Under Investigation
Confirmed COC:	31001-NO
Potential Description:	UE
Alias Name:	0258-191-03-0000
Alias Type:	APN
Alias Name:	401762
Alias Type:	Project Code (Site Code)
Alias Name:	60002429
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	01/15/2020

FONTANA PLATING FACILITY (Continued) **S113177665**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/31/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 04/21/2020
Comments: DTSC processed Revised Cost Estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/26/2020
Comments: DTSC determined that a Supplemental Site Investigation is required at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 11/20/2019
Comments: Application for SVA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/18/2020
Comments: DTSC approved the SSI with a Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 05/08/2020
Comments: DTSC Approved SSI Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/06/2017
Comments: Notification of new project manager assignment.

FONTANA PLATING FACILITY (Continued) **S113177665**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	08/04/2016
Comments:	The project was transferred to DTSC from the SARWQCB

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	09/23/2016
Comments:	DTSC invited Fontana Plating to enter into a Voluntary Cleanup Agreement

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Supplemental Site Investigation Report
Schedule Due Date:	09/30/2021
Schedule Revised Date:	Not reported

VCP:

Name:	FONTANA PLATING FACILITY
Address:	130 WEST MINDANAO STREET
City,State,Zip:	BLOOMINGTON, CA 92316
Facility ID:	60002429
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Aslam Shareef
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	401762
Assembly:	, 47
Senate:	, 20
Special Programs Code:	Not reported
Status:	Active
Status Date:	10/25/2019
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.06026 / -117.3711
APN:	0258-191-03-0000
Past Use:	METAL PLATING - OTHER
Potential COC:	31001
Confirmed COC:	31001-NO
Potential Description:	UE
Alias Name:	0258-191-03-0000
Alias Type:	APN
Alias Name:	401762
Alias Type:	Project Code (Site Code)

FONTANA PLATING FACILITY (Continued) **S113177665**

Alias Name: 60002429
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 01/15/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/31/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 04/21/2020
Comments: DTSC processed Revised Cost Estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/26/2020
Comments: DTSC determined that a Supplemental Site Investigation is required at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 11/20/2019
Comments: Application for SVA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/18/2020
Comments: DTSC approved the SSI with a Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 05/08/2020
Comments: DTSC Approved SSI Workplan

FONTANA PLATING FACILITY (Continued) **S113177665**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/06/2017
Comments: Notification of new project manager assignment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/04/2016
Comments: The project was transferred to DTSC from the SARWQCB

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/23/2016
Comments: DTSC invited Fontana Plating to enter into a Voluntary Cleanup Agreement

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Supplemental Site Investigation Report
Schedule Due Date: 09/30/2021
Schedule Revised Date: Not reported

HAZNET:
Name: FONTANA POLISHING AND PLATING INC
Address: 130 W MINDANAO ST
Address 2: Not reported
City,State,Zip: BLOOMINGTON, CA 923160000
Contact: RICK MARTINEZ
Telephone: 9512044765
Mailing Name: Not reported
Mailing Address: 130 W MINDANAO ST

Year: 2012
Gepaid: CAR000156927
TSD EPA ID: CAD008488025
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 11.259

Year: 2012
Gepaid: CAR000156927
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.6856

Year: 2010
Gepaid: CAR000156927
TSD EPA ID: Not reported

FONTANA PLATING FACILITY (Continued) **S113177665**

CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0

Year: 2010
Gepaid: CAR000156927
TSD EPA ID: CAD008488025
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.45

Year: 2010
Gepaid: CAR000156927
TSD EPA ID: Not reported
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.75

Year: 2010
Gepaid: CAR000156927
TSD EPA ID: CAD097030993
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: -
Tons: 0.25

Year: 2010
Gepaid: CAR000156927
TSD EPA ID: Not reported
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0

Year: 2010
Gepaid: CAR000156927
TSD EPA ID: Not reported
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.75

Year: 2010
Gepaid: CAR000156927
TSD EPA ID: CAD008488025
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 5.73375

Year: 2009
Gepaid: CAR000156927
TSD EPA ID: CAD008488025
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: -
Tons: 3.6696

FONTANA PLATING FACILITY (Continued) **S113177665**

Click this hyperlink while viewing on your computer to access
26 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2008
Gen EPA ID:	CAR000156927
Shipment Date:	20080911
Creation Date:	10/21/2008 18:30:08
Receipt Date:	20080911
Manifest ID:	000790656FLE
Trans EPA ID:	CAR000164327
Trans Name:	T & R ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	3.336
Waste Quantity:	800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080808
Creation Date:	1/27/2009 11:57:17
Receipt Date:	20080814
Manifest ID:	003755697JJK
Trans EPA ID:	CAD059240713
Trans Name:	MC NOTTINGHAM CO OF SO CAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	WORLD RESOURCES COMPANY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	4.214
Waste Quantity:	5
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

FONTANA PLATING FACILITY (Continued) **S113177665**

Shipment Date:	20080808
Creation Date:	1/27/2009 11:57:17
Receipt Date:	20080814
Manifest ID:	003755697JJK
Trans EPA ID:	CAD059240713
Trans Name:	MC NOTTINGHAM CO OF SO CAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	WORLD RESOURCES COMPANY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	- Not reported
Quantity Tons:	1.6856
Waste Quantity:	2
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080710
Creation Date:	8/11/2008 18:30:17
Receipt Date:	20080710
Manifest ID:	000812415FLE
Trans EPA ID:	CAR000164327
Trans Name:	T & R ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.38524
Waste Quantity:	572
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080602
Creation Date:	9/10/2008 18:30:25
Receipt Date:	20080602
Manifest ID:	000812305FLE
Trans EPA ID:	CAR000164327
Trans Name:	T & R ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025

FONTANA PLATING FACILITY (Continued) **S113177665**

Trans Name:	PHIBRO-TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.2518
Waste Quantity:	540
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080501
Creation Date:	8/4/2008 18:30:28
Receipt Date:	20080507
Manifest ID:	000808122FLE
Trans EPA ID:	CAR000164327
Trans Name:	T & R ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080501
Creation Date:	1/27/2009 11:56:48
Receipt Date:	20080513
Manifest ID:	003060276JJK
Trans EPA ID:	CAD059240713
Trans Name:	MC NOTTINGHAM CO OF SO CAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	WORLD RESOURCES COMPANY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	4.214

FONTANA PLATING FACILITY (Continued) **S113177665**

Waste Quantity:	5
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080501
Creation Date:	1/27/2009 11:56:48
Receipt Date:	20080513
Manifest ID:	003060276JJK
Trans EPA ID:	CAD059240713
Trans Name:	MC NOTTINGHAM CO OF SO CAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	WORLD RESOURCES COMPANY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.8428
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080407
Creation Date:	5/30/2008 18:30:08
Receipt Date:	20080407
Manifest ID:	000812217FLE
Trans EPA ID:	CAR000164327
Trans Name:	T & R ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

FONTANA PLATING FACILITY (Continued) **S113177665**

Shipment Date:	20080306
Creation Date:	4/22/2008 18:30:50
Receipt Date:	20080306
Manifest ID:	000812296FLE
Trans EPA ID:	CAR000164327
Trans Name:	T & R ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.18925
Waste Quantity:	525
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAR000156927

Shipment Date:	20041228
Creation Date:	3/17/2005 18:34:39
Receipt Date:	20041229
Manifest ID:	23641040
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	DK ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	5.46
Waste Quantity:	1300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041213
Creation Date:	3/17/2005 18:34:39
Receipt Date:	20041214
Manifest ID:	23641177
Trans EPA ID:	CAD983649880

FONTANA PLATING FACILITY (Continued) **S113177665**

Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	DK ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	5.46
Waste Quantity:	1300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041209
Creation Date:	3/13/2007 18:30:13
Receipt Date:	20041209
Manifest ID:	23641173
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	DK ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	4.2
Waste Quantity:	1000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041005
Creation Date:	12/31/2004 18:30:54
Receipt Date:	20041005
Manifest ID:	23834648
Trans EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D002

FONTANA PLATING FACILITY (Continued) **S113177665**

Meth Code:	R01 - Recycler
Quantity Tons:	2.919
Waste Quantity:	700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041004
Creation Date:	12/31/2004 18:30:54
Receipt Date:	20041008
Manifest ID:	23641416
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F006
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	3.3712
Waste Quantity:	4
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAR000156927
Shipment Date:	20071221
Creation Date:	3/5/2008 18:30:20
Receipt Date:	20071221
Manifest ID:	000812006FLE
Trans EPA ID:	CAR000164327
Trans Name:	T & R ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.2927
Waste Quantity:	310
Quantity Unit:	G
Additional Code 1:	Not reported

FONTANA PLATING FACILITY (Continued) **S113177665**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071219
Creation Date:	3/5/2008 18:30:20
Receipt Date:	20071220
Manifest ID:	000790525FLE
Trans EPA ID:	CAR000164327
Trans Name:	T & R ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	5.6295
Waste Quantity:	1350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAR000156927
Shipment Date:	20101112
Creation Date:	7/13/2011 13:42:23
Receipt Date:	20101119
Manifest ID:	006288342JJK
Trans EPA ID:	CAR000187922
Trans Name:	RUST & SONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	D007
Additional Code 2:	D004
Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported

FONTANA PLATING FACILITY (Continued) **S113177665**

Shipment Date:	20101112
Creation Date:	7/13/2011 13:42:23
Receipt Date:	20101119
Manifest ID:	006288342JJK
Trans EPA ID:	CAR000187922
Trans Name:	RUST & SONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100609
Creation Date:	5/16/2013 22:15:09
Receipt Date:	Not reported
Manifest ID:	007334045JJK
Trans EPA ID:	CAR000202077
Trans Name:	LEO'S ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100609
Creation Date:	8/30/2010 18:30:22
Receipt Date:	20100610
Manifest ID:	007334046JJK
Trans EPA ID:	CAR000202077
Trans Name:	LEO'S ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

FONTANA PLATING FACILITY (Continued) **S113177665**

TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.2935
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100310
Creation Date:	6/10/2010 18:30:08
Receipt Date:	20100310
Manifest ID:	006543146JJK
Trans EPA ID:	CAR000183574
Trans Name:	ENVIRONMENTAL MANAGEMENT TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	3.44025
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	D007
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100310
Creation Date:	6/10/2010 18:30:08
Receipt Date:	20100310
Manifest ID:	006543146JJK
Trans EPA ID:	CAR000183574
Trans Name:	ENVIRONMENTAL MANAGEMENT TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.45

FONTANA PLATING FACILITY (Continued) **S113177665**

Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAR000156927
Shipment Date:	20061207
Creation Date:	9/20/2007 18:30:30
Receipt Date:	20061213
Manifest ID:	000369598JJK
Trans EPA ID:	CAD059240713
Trans Name:	MC NOTTINGHAM CO OF SO CAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	WORLD RESOURCES COMPANY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	H129 - Other Treatment
Quantity Tons:	4.214
Waste Quantity:	5
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061205
Creation Date:	3/30/2007 13:34:03
Receipt Date:	20061208
Manifest ID:	001677397JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.52285
Waste Quantity:	605
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported

FONTANA PLATING FACILITY (Continued) **S113177665**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061205
Creation Date:	7/13/2007 18:30:28
Receipt Date:	20061214
Manifest ID:	001677398JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENV LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.5
Waste Quantity:	5000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060627
Creation Date:	9/8/2006 18:32:18
Receipt Date:	20060713
Manifest ID:	25173861
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENV LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	3
Waste Quantity:	6000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060627
Creation Date:	9/14/2006 18:31:14
Receipt Date:	20060630
Manifest ID:	25173862
Trans EPA ID:	CAR000047696

FONTANA PLATING FACILITY (Continued) **S113177665**

Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH INC
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	2.06415
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060526
Creation Date:	9/14/2006 18:35:38
Receipt Date:	20060602
Manifest ID:	25168408
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES CA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.2
Waste Quantity:	2400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060526
Creation Date:	8/24/2006 18:33:29
Receipt Date:	20060613
Manifest ID:	25168498
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENV LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006

FONTANA PLATING FACILITY (Continued) **S113177665**

Meth Code:	R01 - Recycler
Quantity Tons:	9
Waste Quantity:	18000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060324
Creation Date:	7/27/2006 18:35:05
Receipt Date:	20060331
Manifest ID:	25105709
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH INC
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060217
Creation Date:	6/22/2006 18:33:59
Receipt Date:	20060224
Manifest ID:	25105570
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

FONTANA PLATING FACILITY (Continued) **S113177665**

Shipment Date:	20060217
Creation Date:	7/5/2006 12:02:53
Receipt Date:	20060303
Manifest ID:	25105569
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENV LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	3
Waste Quantity:	6000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAR000156927

Shipment Date:	20120103
Creation Date:	3/13/2012 20:30:40
Receipt Date:	20120103
Manifest ID:	007254069JJK
Trans EPA ID:	CAD983613688
Trans Name:	MILES CHEMICAL COMPANY
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	11.259
Waste Quantity:	2700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120103
Creation Date:	7/5/2012 20:30:09
Receipt Date:	20120109
Manifest ID:	007254068JJK
Trans EPA ID:	CAD983613688

FONTANA PLATING FACILITY (Continued) **S113177665**

Trans Name:	MILES CHEMICAL COMPANY
Trans 2 EPA ID:	CAD00003270
Trans 2 Name:	AMERICAN TLI
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.6856
Waste Quantity:	2
Quantity Unit:	Y
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAR000156927
Shipment Date:	20051222
Creation Date:	3/22/2006 18:30:36
Receipt Date:	20051228
Manifest ID:	24765830
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	2
Waste Quantity:	4000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051222
Creation Date:	6/22/2006 18:32:03
Receipt Date:	20060107
Manifest ID:	24765831
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO
TSDF EPA ID:	AZD081705402

FONTANA PLATING FACILITY (Continued) **S113177665**

Trans Name:	HERITAGE ENV LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	6
Waste Quantity:	12000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051104
Creation Date:	3/14/2007 18:30:14
Receipt Date:	20051111
Manifest ID:	24764457
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.60545
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051007
Creation Date:	3/12/2006 18:31:42
Receipt Date:	20051014
Manifest ID:	24765185
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G

FONTANA PLATING FACILITY (Continued) **S113177665**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050929
Creation Date:	8/23/2006 18:35:03
Receipt Date:	20051003
Manifest ID:	24765029
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENV LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	3
Waste Quantity:	6000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050923
Creation Date:	3/12/2006 18:30:40
Receipt Date:	20050928
Manifest ID:	24427794
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1.8
Waste Quantity:	3600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050826
Creation Date:	3/12/2006 18:30:40
Receipt Date:	20050906

FONTANA PLATING FACILITY (Continued) **S113177665**

Manifest ID:	24576071
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENV LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	2.25
Waste Quantity:	4500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050715
Creation Date:	10/11/2005 18:32:36
Receipt Date:	20050725
Manifest ID:	24573246
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENV LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	6
Waste Quantity:	12000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050610
Creation Date:	7/12/2006 18:30:09
Receipt Date:	20050620
Manifest ID:	24331343
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENV LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

FONTANA PLATING FACILITY (Continued) **S113177665**

Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	3.3
Waste Quantity:	6600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050422
Creation Date:	7/29/2005 18:30:25
Receipt Date:	20050502
Manifest ID:	24092155
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENV LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	8
Waste Quantity:	16000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAR000156927
Shipment Date:	20091119
Creation Date:	5/20/2010 18:30:40
Receipt Date:	20091123
Manifest ID:	005304460JJK
Trans EPA ID:	CAR000183574
Trans Name:	ENVIRONMENTAL MANAGEMENT TECHNOLOGIES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	ARZ000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.8428

FONTANA PLATING FACILITY (Continued) **S113177665**

Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090909
Creation Date:	10/6/2009 18:30:28
Receipt Date:	20090909
Manifest ID:	006291895JJK
Trans EPA ID:	CAL000342284
Trans Name:	ENVIRONMENTAL TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	4.587
Waste Quantity:	1100
Quantity Unit:	G
Additional Code 1:	D007
Additional Code 2:	D004
Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090611
Creation Date:	10/6/2009 18:30:28
Receipt Date:	20090616
Manifest ID:	004137498JJK
Trans EPA ID:	CAL000195683
Trans Name:	ALPHA ENVIRONMENTAL
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION INC
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

FONTANA PLATING FACILITY (Continued) **S113177665**

Shipment Date:	20090611
Creation Date:	7/14/2009 18:30:29
Receipt Date:	20090611
Manifest ID:	004137497JJK
Trans EPA ID:	CAL000195683
Trans Name:	ALPHA ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.7
Waste Quantity:	1400
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090509
Creation Date:	6/17/2009 18:30:19
Receipt Date:	20090511
Manifest ID:	004137464JJK
Trans EPA ID:	CAL000195683
Trans Name:	ALPHA ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.95
Waste Quantity:	1900
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090422
Creation Date:	5/29/2009 18:30:11
Receipt Date:	20090423
Manifest ID:	004137447JJK
Trans EPA ID:	CAL000195683
Trans Name:	ALPHA ENVIRONMENTAL
Trans 2 EPA ID:	Not reported

FONTANA PLATING FACILITY (Continued) **S113177665**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	D007
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090421
Creation Date:	5/29/2009 18:30:11
Receipt Date:	20090422
Manifest ID:	004137446JJK
Trans EPA ID:	CAL000195683
Trans Name:	ALPHA ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090421
Creation Date:	5/29/2009 18:30:11
Receipt Date:	20090422
Manifest ID:	004137446JJK
Trans EPA ID:	CAL000195683
Trans Name:	ALPHA ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	- Not reported
Quantity Tons:	3.6696

FONTANA PLATING FACILITY (Continued) **S113177665**

Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	D007
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	FONTANA POLISHING AND PLATING INC
Address:	130 W MINDANAO ST
Address 2:	Not reported
City,State,Zip:	BLOOMINGTON, CA 923160000
EPA ID:	CAR000156927
Inactive Date:	06/30/2011
Create Date:	12/30/2004
Last Act Date:	03/19/2014
Mailing Name:	Not reported
Mailing Address:	130 W MINDANAO ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BLOOMINGTON, CA 923160000
Owner Name:	FONTANA POLISHING AND PLATING INC
Owner Address:	130 W MINDANAO ST
Owner Address 2:	Not reported
Owner City,State,Zip:	BLOOMINGTON, CA 923160000
Contact Name:	RICK MARTINEZ
Contact Address:	130 W MINDANAO ST
Contact Address 2:	Not reported
City,State,Zip:	BLOOMINGTON, CA 923160000

NAICS:

EPA ID:	CAR000156927
Create Date:	2006-11-27 18:30:15.000
NAICS Code:	332813
NAICS Description:	Electroplating, Plating, Polishing, Anodizing, and Coloring
Issued EPA ID Date:	2004-12-30 14:43:03
Inactive Date:	2011-06-30 00:00:00
Facility Name:	FONTANA POLISHING AND PLATING INC
Facility Address:	130 W MINDANAO ST
Facility Address 2:	Not reported
Facility City:	BLOOMINGTON
Facility County:	Not reported
Facility State:	CA
Facility Zip:	923160000

EPA ID:	CAR000156927
Create Date:	2006-11-27 18:30:15.000
NAICS Code:	332813
NAICS Description:	Electroplating, Plating, Polishing, Anodizing, and Coloring
Issued EPA ID Date:	2004-12-30 14:43:03
Inactive Date:	2011-06-30 00:00:00
Facility Name:	FONTANA POLISHING AND PLATING INC
Facility Address:	130 W MINDANAO ST
Facility Address 2:	Not reported
Facility City:	BLOOMINGTON
Facility County:	Not reported
Facility State:	CA

FONTANA PLATING FACILITY (Continued) **S113177665**

Facility Zip: 923160000

98
WSW
1/2-1
0.871 mi.
4601 ft.

SOUTHERN PACIFIC TRANSPORTATION COMPANY
19100 SLOVER AVENUE
BLOOMINGTON, CA 92316

CA ENVIROSTOR **S105640256**
CA CHMIRS **N/A**

Relative:
Lower

Actual:
1052 ft.

ENVIROSTOR:

Name:	SOUTHERN PACIFIC TRANSPORTATION COMPANY
Address:	19100 SLOVER AVENUE
City,State,Zip:	BLOOMINGTON, CA 92316
Facility ID:	36370027
Status:	No Further Action
Status Date:	04/14/1995
Site Code:	540014
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.01
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Greg Holmes
Division Branch:	Cleanup Cypress
Assembly:	47
Senate:	20
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	34.06305
Longitude:	-117.3933
APN:	NONE SPECIFIED
Past Use:	RAIL ROAD MAINTENANCE SHOP
Potential COC:	TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC:	30024-NO 30025-NO 3002502-NO
Potential Description:	SOIL
Alias Name:	CAD000627950
Alias Type:	EPA Identification Number
Alias Name:	110018981592
Alias Type:	EPA (FRS #)
Alias Name:	540014
Alias Type:	Project Code (Site Code)
Alias Name:	36370027
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	10/12/1983
Comments:	FACILITY IDENTIFIED ID FROM ERRIS
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Completed Date: 04/18/1983
Comments: FACILITY IDENTIFIED ID FROM EPA GEN.LIST

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1985
Comments: T/C W/ W.KEENEY,SO PACIFIC,714-877-4371, 6/28/84-1)SOURCE ACT: CLEAN DIRT,OIL,& GREASE FROM LOCOMOTIVES. 2)YR OF OPER: 1972-PRESENT SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CHMIRS:
Name: Not reported
Address: 19100 SLOVER AVE
City,State,Zip: BLOOMINGTON, CA 92316
OES Incident Number: 17-0511
OES notification: 01/17/2017
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Rail Road

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Cleanup By:	No Release
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	RAILROAD DERAILMENT
Measure:	N/A
Other:	Not reported
Date/Time:	1327
Year:	2017
Agency:	UPRR
Incident Date:	01/17/2017
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Railcar Derailment (Upright)
Quantity Released:	1
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states that car, NF406295, derailed upright on UPRR property on a yard track. No potential for hazardous material release at the time of this report. The car is an empty box car which last held steel. Unknown if the derailment occurred within 50 ft. of a RR Crossing.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA 92316
OES Incident Number:	15-2649
OES notification:	05/12/2015
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	2000
Year:	2015
Agency:	UPRR
Incident Date:	05/12/2015
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Engine Oil
Quantity Released:	2-Jan
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Description:	Caller states substance was released due to a locomotive being over filled. Caller states substance released to soil. Caller states a contractor is enroute for clean-up.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA 92316
OES Incident Number:	15-2702
OES notification:	05/15/2015
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	RAILROAD DERAILMENT
Measure:	N/A
Other:	Not reported
Date/Time:	2400
Year:	2015
Agency:	UPRR
Incident Date:	05/15/2015
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

E Date:	Not reported
Substance:	Train Derailment
Quantity Released:	N/A
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Caller states two hopper cars derailed upright in the West Colton Railyard. Caller states a bottom door on one of the hopper cars fell off which caused the derailment. Caller states the cars are empty and it's unknown what they last carried. Caller states no hazmats released and cars will be rerailed during daylight.

Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	20-3942
OES notification:	07/24/2020
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	CHEMICAL,RAILROAD
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1714
Year:	2020
Agency:	UPRR
Incident Date:	07/24/2020
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Stopped,Contained
Site Type:	Not reported
E Date:	Not reported
Substance:	Fluorosilicic Acid (Corrosive)
Quantity Released:	3
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Per Caller, Rail Car ((JRSX20010) was being moved in the Rail Yard (Bold Track #25, YUMA Subdivision, MP 538.99) and approx 3 gallons of Fluorosilicic Acid (Corrosive) spilled on the top of the trailer. Spill is stopped and contained, no waterways or strormdrains are impacted. Not a main track, no delays expected. A contractor is responsible for cleanup. No injuries to employees reported.
Name:	Not reported
Address:	19100 SLOVER AVE.
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	4-5301
OES notification:	09/19/2014
OES Date:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	None
Spill Site:	Rail Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1013
Year:	2014
Agency:	Mary Welsch
Incident Date:	9/19/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	None
E Date:	Not reported
Substance:	Crude Oil
Quantity Released:	0.5
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Unknown
Fatals:	No
Comments:	Not reported
Description:	Caller states approximatly 1/2 gallon of crude oil leaked from tanker car #VMSX311287 while in the Colton Railyard. The oil spilled onto the ground and soil below. The cause of the spill is unknown and is under investigation by Union Pacific HazMat. The spill has been contained. No waterways were impacted.

Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	4-6619
OES notification:	11/20/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Type:	OTHER
Measure:	Oz.
Other:	Asphalt
Date/Time:	858
Year:	2014
Agency:	UPRR
Incident Date:	11/20/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Unknown
Site Type:	Not reported
E Date:	Not reported
Substance:	Liquid Asphalt
Quantity Released:	12
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Mechanical
Fatals:	Unknown
Comments:	Not reported
Description:	Caller states 2 tank cars (GATX13548, GATX16277) released 6 ounces of liquid asphalt each for a total of 12 ounces. Unknown who will handle the clean up. No waterways impacted.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	17-1085
OES notification:	02/06/2017
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	N/A
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	RAILROAD DERAILMENT
Measure:	N/A
Other:	Not reported
Date/Time:	1619
Year:	2017
Agency:	UPRR
Incident Date:	02/06/2017
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Train Derailment
Quantity Released:	N/A
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states that locomotive, UP6514, derailed upright due to what is believed to be a track problem (wide gauge). There is no hazardous material release. No impact to railroad operations. Unknown if the derailment occurred within 50ft. of a grade crossing.
Name:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Address:	19100 SLOVER
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	4-5477
OES notification:	09/27/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	N/A
Other:	Not reported
Date/Time:	807
Year:	2014
Agency:	UPPR
Incident Date:	9/27/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Liquefied Petroleum Gas
Quantity Released:	Unk
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Mechanical
Fatals:	No
Comments:	Not reported
Description:	RP states that liquefied petroleum gas vapor was released from an empty tank car which previously contained a petroleum product.

Name:	Not reported
Address:	19100 SLOVER
City,State,Zip:	WEST COLTON, CA 92316
OES Incident Number:	08506
OES notification:	Not reported
OES Date:	6/1/1995
OES Time:	04:49:17 AM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Other:	Not reported
Date/Time:	Not reported
Year:	1995
Agency:	southern pacific
Incident Date:	6/1/95 0320
Admin Agency:	Not reported
Amount:	Not reported
Contained:	NO
Site Type:	R/R
E Date:	Not reported
Substance:	train car derailment no release
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	train car derailment, no leakage. one set of wheels off track, upright.

Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA 92324
OES Incident Number:	20-4885
OES notification:	09/05/2020
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	N/A
Spill Site:	Rail Road
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	Liters(s)
Other:	Not reported
Date/Time:	1727
Year:	2020
Agency:	UPRR PD
Incident Date:	09/05/2020
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Not stopped,Not contained
Site Type:	N/A
E Date:	Not reported
Substance:	Liquified Petroleum Gas
Quantity Released:	Unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Per RP-Hazmat manager en route along with a contractor to determine where the leak came from. Suspected from a tank car # CPDE 100052. Yard personnel heard hissing from the rail car and could smell gas in the air and immediately notified dispatch.
Name:	Not reported
Address:	19100 SLOVER AVE.
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	20-4807
OES notification:	09/01/2020
OES Date:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	UNSPECIFIED
Measure:	Lbs.
Other:	Not reported
Date/Time:	1545
Year:	2020
Agency:	UPRR
Incident Date:	09/01/2020
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Stopped,Contained
Site Type:	Not reported
E Date:	Not reported
Substance:	Non - Hazardous Alumina Hydrate
Quantity Released:	7-May
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states that a bottom dump door was open on a rail car causing the release. No water impacted. A contractor will conduct cleanup.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	15-0269
OES notification:	01/15/2015
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	945

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Year:	2015
Agency:	UPRR
Incident Date:	01/15/2015
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Lube Oil
Quantity Released:	100
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states that a faulty oil pump valve released approx 100 gal of lube oil into containment.

Name:	Not reported
Address:	19100 SLOVER AVE.
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	4-0114
OES notification:	01/07/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1605
Year:	2014
Agency:	UPRR
Incident Date:	1/7/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Crude Oil
Quantity Released:	5-Feb
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Unknown
Fatals:	No
Comments:	Not reported
Description:	Caller states: Tank Car ID: VMSX28211 was releasing crude oil at the rail yard. Cause of the release is unknown. No derailment.

Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA 92324
OES Incident Number:	4-0153
OES notification:	01/09/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1407
Year:	2014
Agency:	UPRR
Incident Date:	1/9/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Crude Oil
Quantity Released:	2
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Evacs:	No
Injuries:	Unknown
Fatals:	No
Comments:	Not reported
Description:	RP states that an oil tank leaked due to unknown reasons resulting in the release of 2 gallons of crude oil onto the side of the tank and ground. The release is contained and cleanup is underway. No waterways have been impacted. Caller states this incident is not associated with any train activity. Tank #: TNKO8801 and incident occurred at the Colton Railyard.
Name:	Not reported
Address:	19100 SLOVER
City,State,Zip:	BLOOMINGTON, CA 92316
OES Incident Number:	12-0446
OES notification:	01/23/2012
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	116
Year:	2012
Agency:	UPRR

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Incident Date:	1/23/2012
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Oil - Crude
Quantity Released:	Unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP states that a release of crude oil from the top of a tank car due to unknown circumstances. HazMat manager is enroute to scene. Flow of crude oil has been contained. Tank car ID: CTCX734728.

Name:	Not reported
Address:	19100 SLOVER
City,State,Zip:	BLOOMINGTON, CA 92316
OES Incident Number:	12-0447
OES notification:	01/23/2012
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	N/A
Other:	Not reported
Date/Time:	2340
Year:	2012
Agency:	UPRR
Incident Date:	1/22/2012
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Derailment
Quantity Released:	1
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP states that the manager of rail yard reported that a flat car: Car ID TTYX353194 derailed upright with one wheel on the ground. Personnel on scene will re-rail car.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	20-6920
OES notification:	12/15/2020
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM,RAILROAD
Measure:	Oz.
Other:	Not reported
Date/Time:	1005
Year:	2020
Agency:	UPRR
Incident Date:	12/15/2020
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Stopped,Contained
Site Type:	Not reported
E Date:	Not reported
Substance:	Diesel
Quantity Released:	1
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Fatals:	No
Comments:	Not reported
Description:	RP states a contractor was fueling a locomotive and there was a broken vent tube which caused a release of 3 drops onto the ground. Has been stopped and contained with no waterways impacted. Train # UP8506.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	15-1418
OES notification:	03/12/2015
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	Lbs.
Other:	Not reported
Date/Time:	1341
Year:	2015
Agency:	UPRR
Incident Date:	03/12/2015
Admin Agency:	San Bernardino County Fire Department

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Crude Oil Vapor
Quantity Released:	Unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states that a CPUC representative was inspecting the West Colton Railyard and discovered that 2 tank cars, which were empty, but last contained crude oil, were venting improperly. Caller states that there were no derailments or damage to the cars. No waterways have been impacted. Car IDs: SHPX206709 and SHPX206704.
Name:	Not reported
Address:	19100 SLOVER AVE.
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	17-1697
OES notification:	02/25/2017
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM,RAILROAD
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1259
Year:	2017
Agency:	UPRR
Incident Date:	02/25/2017
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Not reported
E Date:	Not reported
Substance:	Methyl Esthers (Diesel Fuel Additive)
Quantity Released:	10
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states that approximately 10 gallons of Methyl Esthers (Diesel Fuel Additive) is actively releasing from tank car, TEIX30111, which is located in the repair shop in a UPRR Yard. The release is not contained, and a contractor will be performing the clean-up. Impacted surfaces are limited to the inside of the repair shop. No waterways were impacted.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

OES Incident Number:	17-1694
OES notification:	02/25/2017
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	N/A
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	RAILROAD DERAILMENT
Measure:	N/A
Other:	Not reported
Date/Time:	1035
Year:	2017
Agency:	UPRR
Incident Date:	02/25/2017
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	2 Car Derailment
Quantity Released:	N/A
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states that 2 rail cars derailed in a rail yard due to a cross bar. The rail cars derailed upright. One car, TTZX857410, contained lumber. The other car, TBOX661242, was empty. There is no potential for hazardous material release. The two railcars were not part of a train at the time of derailment.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA 92316
OES Incident Number:	10-7689
OES notification:	12/20/2010
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm Drain
Spill Site:	Rail Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	2212
Year:	2010
Agency:	UPRR
Incident Date:	12/20/2010
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Storm Drain
E Date:	Not reported
Substance:	Rain Water
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states that at a rail yard the oil water separator is overflowing with water and rain water. No petroleum product in the water. Caller states that vacuum crews are onscene trying to capture the release.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA 92316
OES Incident Number:	1-6945
OES notification:	11/22/2011
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Oz.
Other:	Not reported
Date/Time:	1130
Year:	2011
Agency:	UPRR
Incident Date:	11/22/2011
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Dicyclopentadidne
Quantity Released:	6
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP states that six ounces of the product was found on top of a tank car. No waterways were impacted.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	17-0813
OES notification:	01/26/2017
OES Date:	Not reported
OES Time:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	RAILROAD DERAILMENT
Measure:	N/A
Other:	Not reported
Date/Time:	931
Year:	2017
Agency:	UPRR
Incident Date:	01/26/2017
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Upright Train Derailment
Quantity Released:	1 car
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states: One railcar DOWX22279 derailed upright on bowl track #1 in West Colton Rail Yard. The covered hopper car contained non-liquid polyethylene. No releases or waterways impacted. Rerailment contractor is enroute at this time.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	4-3976
OES notification:	07/15/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	Gal(s)
Other:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Date/Time:	943
Year:	2014
Agency:	UPRR
Incident Date:	7/15/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Alcohol NOS
Quantity Released:	1
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Unknown
Fatals:	No
Comments:	Not reported
Description:	RP states that less than 1 gal of Alcohol NOS was released from tank car SCPX208947 into the atmosphere. There release is contained.
Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	4-3994
OES notification:	07/16/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	N/A
Other:	Not reported
Date/Time:	901
Year:	2014
Agency:	UPRR
Incident Date:	7/16/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Petroleum Vapor
Quantity Released:	Unk
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Unknown
Fatals:	No
Comments:	Not reported
Description:	RP states that an unknown amount of Petroleum Vapor was released from the empty car UTLX910366 which previously contained a petroleum product.

Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	4-4000
OES notification:	07/16/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM,RAILROAD
Measure:	Cup(s)
Other:	Not reported
Date/Time:	1135
Year:	2014
Agency:	UPRR
Incident Date:	7/16/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Crude Oil
Quantity Released:	1
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Unknown
Fatals:	No
Comments:	Not reported
Description:	RP states that approx 1 cup of crude oil was released onto the side of a tank car. The release is contained and the ground was not impacted.
Name:	Not reported
Address:	19100 SLOVER
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	4-4016
OES notification:	07/17/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	N/A
Other:	Not reported
Date/Time:	913
Year:	2014
Agency:	UPPR

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Incident Date:	7/17/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Petroleum Vapor
Quantity Released:	Unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Mechanical
Fatals:	No
Comments:	Not reported
Description:	RP states that an unknown amount of Petroleum Vapor was released from a the empty tank car SRIX33649 which previously contained a petroleum product. The release is contained.

Name:	Not reported
Address:	19100 SLOVER AVE.
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	15-0436
OES notification:	01/23/2015
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	None
Spill Site:	Rail Road
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	N/A
Other:	Not reported
Date/Time:	1215
Year:	2015
Agency:	Union Pacific Railroad
Incident Date:	01/23/2015
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	None
E Date:	Not reported
Substance:	Alcohol, NOS
Quantity Released:	Unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Caller states during a routine inspection by CPUC, two separate tank cars (UTLX201430 & TCBX197962) were found to have released an unknown amount of vapor into the atmosphere. The incident occurred at the West Colton Railyard. The vapor is unrecoverable and no clean-up will be conducted. No derailments, injuries or waterways were impacted. The release of vapor from the tank cars has been stopped. An investigation is currently under way.
Name:	Not reported
Address:	19100 SLOVER AVE.
City,State,Zip:	BLOOMINGTON, CA

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

OES Incident Number:	4-3859
OES notification:	07/09/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1115
Year:	2014
Agency:	UPRR
Incident Date:	7/9/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Oil
Quantity Released:	5
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Unknown
Fatals:	No
Comments:	Not reported
Description:	RP states that a locomotive released less than 5 gal of oil into containment within the West Colton Rail Yard. Caller stated that some of the oil sprayed on an employee.

Name:	Not reported
Address:	19100 SLOVER AVE
City,State,Zip:	BLOOMINGTON, CA
OES Incident Number:	4-3742
OES notification:	07/02/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1153
Year:	2014
Agency:	UPRR
Incident Date:	7/2/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Diesel
Quantity Released:	50
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Unknown
Fatals:	No
Comments:	Not reported
Description:	RP states that a locomotive UP8623 released approx 50 gal of diesel into containment. The release is secured, cleanup is in progress, and no waterways were impacted.

Count: 9 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLOOMINGTON	2009058206	3650 S WILLOW AVE	3650 S WILLOW AVE		HMIRS
COLTON	S108985928	SHELL TANK FARM	N/A S RIVERSIDE AVENUE		CA CPS-SLIC
COLTON	S108985927	GOLDEN WEST FUEL RACK	N/A S RIVERSIDE AVENUE		CA CPS-SLIC
RIALTO	S127281853	OD 2180 S WILLOW AVE	OD 2180 S WILLOW AVE	92316	CA NPDES, CA CIWQS
RIALTO	S126984116	KORE INFRASTRUCTURE PLANT #1	NW CORNER OF RIVERSIDE AVE & K	92316	CA SWF/LF
RIALTO	S114598372	CHEVRON S S #6969	101 VALLEY BOULEVARD, EAST		CA RGA LUST
RIALTO	2010101836	2650 S WILLOW AVE	2650 S WILLOW AVE		HMIRS
RIALTO	2009044134	2650 S WILLOW AVE	2650 S WILLOW AVE		HMIRS
RIALTO	2009043699	2650 S WILLOW AVE	2650 S WILLOW AVE		HMIRS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/12/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 77

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 03/06/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/19/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 61

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 87

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/30/2021
Number of Days to Update: 84
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/03/2021
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 12

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 12/01/2019
Date Data Arrived at EDR: 08/19/2021
Date Made Active in Reports: 10/28/2021
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/31/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/25/2021
Date Data Arrived at EDR: 09/03/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/13/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/17/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 66

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/17/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/19/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/27/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 62

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/26/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 70

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/19/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/24/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/17/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/16/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/04/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 84

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 87

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 87

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/01/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/22/2021
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 42

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 07/20/2021
Date Data Arrived at EDR: 07/20/2021
Date Made Active in Reports: 10/11/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 07/23/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 77

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/09/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 56

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 6

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/08/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/24/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 5

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/24/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/24/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 06/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/23/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 1

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/29/2021
Date Made Active in Reports: 10/19/2021
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/09/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 81

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/28/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/02/2021
Number of Days to Update: 90
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/31/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/11/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 89

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/04/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 02/27/2022
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/17/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 78

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/14/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 81
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 80
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/22/2021
Date Data Arrived at EDR: 06/28/2021
Date Made Active in Reports: 09/21/2021
Number of Days to Update: 85
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/20/2021
Date Data Arrived at EDR: 07/20/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 80

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/23/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 90

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1743 S WILLOW AVE
1743 S WILLOW AVE
RIALTO, CA 92376

TARGET PROPERTY COORDINATES

Latitude (North):	34.069227 - 34ˆ 4’ 9.22’’
Longitude (West):	117.373783 - 117ˆ 22’ 25.62’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	465509.1
UTM Y (Meters):	3769700.2
Elevation:	1057 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12016021 SAN BERNARDINO SOUTH, CA
Version Date:	2018
West Map:	12015969 FONTANA, CA
Version Date:	2018

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

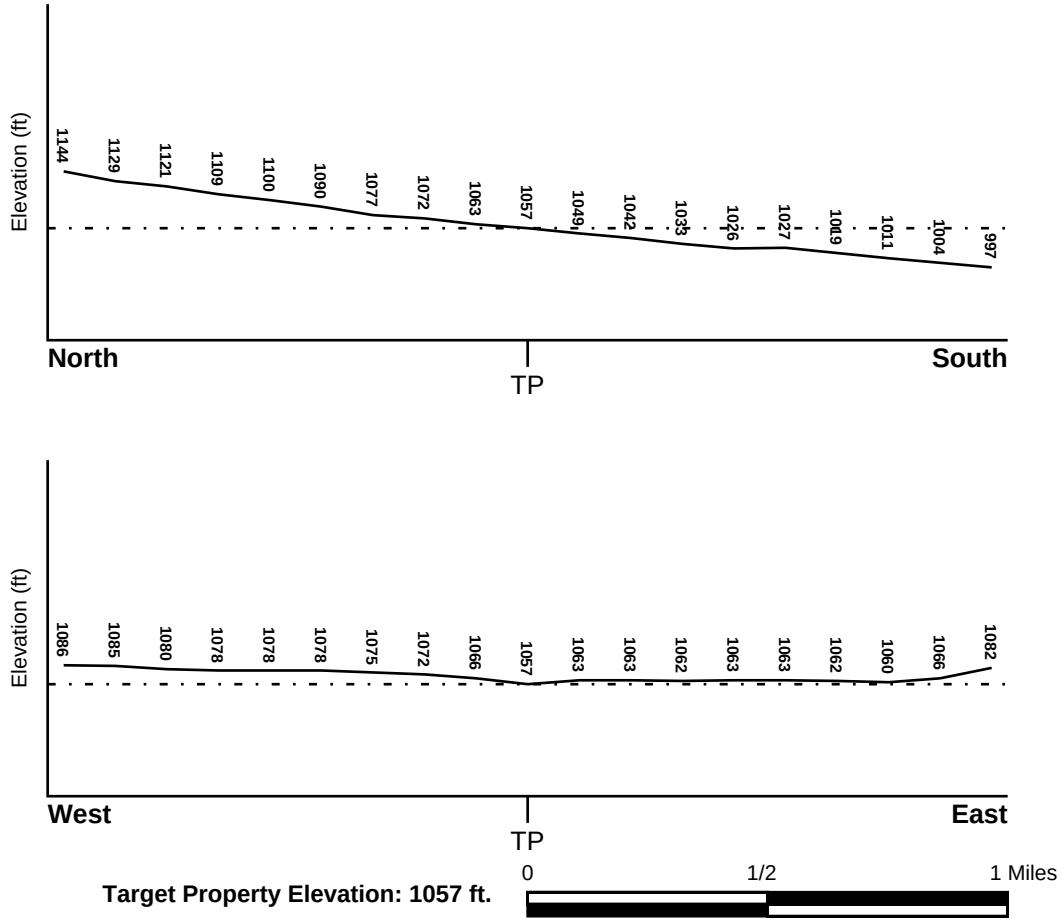
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06071C8678H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06071C8659H	FEMA FIRM Flood data
06065C0045G	FEMA FIRM Flood data
06065C0065G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/8 - 1/4 Mile NE	SE
1G	1/8 - 1/4 Mile NE	SE

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

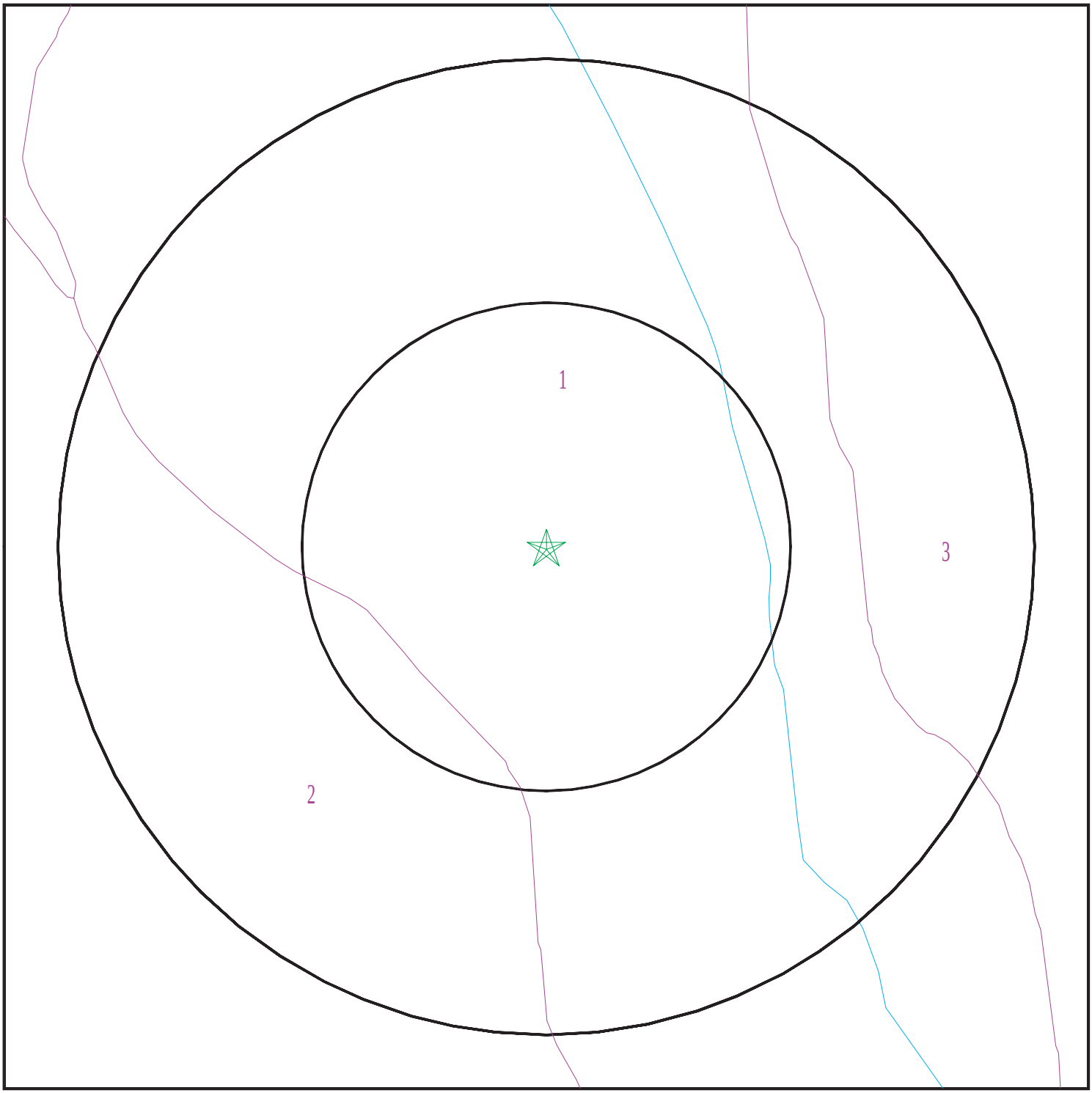
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6787826.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	1743 S Willow Ave	CLIENT:	Hazard Management Consulting
ADDRESS:	1743 S Willow Ave Rialto CA 92376	CONTACT:	Troy Taylor
LAT/LONG:	34.069227 / 117.373783	INQUIRY #:	6787826.2s
		DATE:	December 14, 2021 3:59 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: TUJUNGA

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	35 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1
2	35 inches	59 inches	gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1

Soil Map ID: 2

Soil Component Name: Hanford

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	11 inches	59 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6

Soil Map ID: 3

Soil Component Name: DELHI

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
2	18 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A4	USGS40000140418	1/4 - 1/2 Mile SSE
C12	USGS40000140507	1/4 - 1/2 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I23	USGS40000140645	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	CADWR0000033821	1/8 - 1/4 Mile NW
A3	CADWR0000028960	1/4 - 1/2 Mile SSE
B5	1005	1/4 - 1/2 Mile ESE
B6	1006	1/4 - 1/2 Mile ESE
7	CADWR0000037354	1/4 - 1/2 Mile NNW
B8	CADDW0000008692	1/4 - 1/2 Mile ESE
B9	CADDW0000001861	1/4 - 1/2 Mile ESE
C10	CAUSGSN00002625	1/4 - 1/2 Mile East
C11	CAUSGS000002136	1/4 - 1/2 Mile East
13	CADWR0000029055	1/4 - 1/2 Mile SW
C14	CADDW0000022305	1/2 - 1 Mile East
D15	CAEDF0000057262	1/2 - 1 Mile SSE
E16	CAEDF0000036670	1/2 - 1 Mile SE
F17	CAEDF0000091880	1/2 - 1 Mile SSE
E18	CAEDF0000132592	1/2 - 1 Mile SE
19	CADWR0000019493	1/2 - 1 Mile East
G20	CAEDF0000075381	1/2 - 1 Mile SE
H21	CAEDF0000085723	1/2 - 1 Mile SE
G22	CAEDF0000013108	1/2 - 1 Mile SE
I24	CAUSGSN00014189	1/2 - 1 Mile NE
G25	CAEDF0000083878	1/2 - 1 Mile SE
D26	CAEDF0000059429	1/2 - 1 Mile SSE
27	CADWR0000020558	1/2 - 1 Mile ENE
D28	CAEDF0000110808	1/2 - 1 Mile SSE
E29	CAEDF0000082567	1/2 - 1 Mile SE
F30	CAEDF0000054324	1/2 - 1 Mile SSE
E31	CAEDF0000059733	1/2 - 1 Mile ESE
J32	CAEDF0000018288	1/2 - 1 Mile ESE
K33	CAEDF0000009148	1/2 - 1 Mile ESE
L34	CAEDF0000076224	1/2 - 1 Mile SSE
H35	CAEDF0000018093	1/2 - 1 Mile SE
G36	CAEDF0000095285	1/2 - 1 Mile SSE
L37	CAEDF0000073972	1/2 - 1 Mile SSE
M38	CAEDF0000111570	1/2 - 1 Mile SSE
J39	CAEDF0000063523	1/2 - 1 Mile ESE
G40	CAEDF0000134673	1/2 - 1 Mile SE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G41	CAEDF0000135910	1/2 - 1 Mile SE
H42	CAEDF0000143458	1/2 - 1 Mile SE
H43	CAEDF0000075377	1/2 - 1 Mile SE
L44	CAEDF0000061282	1/2 - 1 Mile SSE
J45	CAEDF0000121440	1/2 - 1 Mile ESE
G46	CAEDF0000133476	1/2 - 1 Mile SE
L47	CAEDF0000092677	1/2 - 1 Mile SSE
K48	CAEDF0000020589	1/2 - 1 Mile SE
M49	CAEDF0000002428	1/2 - 1 Mile SE
L50	CAEDF0000053799	1/2 - 1 Mile SSE
J51	CAEDF0000075540	1/2 - 1 Mile ESE
L52	CAEDF0000076371	1/2 - 1 Mile SSE
J53	CAEDF0000080784	1/2 - 1 Mile ESE
L54	CAEDF0000002710	1/2 - 1 Mile SSE
K55	CAEDF0000127044	1/2 - 1 Mile SE
K56	CAEDF0000100784	1/2 - 1 Mile ESE
M57	CAEDF0000019731	1/2 - 1 Mile SSE
N58	CAEDF0000099229	1/2 - 1 Mile SSE
L59	CAEDF0000039555	1/2 - 1 Mile SSE
K60	CAEDF0000119520	1/2 - 1 Mile SE
L61	CAEDF0000040685	1/2 - 1 Mile SSE
N62	CAEDF0000061739	1/2 - 1 Mile SSE
O63	CAEDF0000079622	1/2 - 1 Mile SE
L64	CAEDF0000058960	1/2 - 1 Mile SSE
O65	CAEDF0000015260	1/2 - 1 Mile SE
P66	CAEDF0000110979	1/2 - 1 Mile ESE
M67	CAEDF0000061505	1/2 - 1 Mile SSE
N68	CAEDF0000117402	1/2 - 1 Mile SSE
N69	CAEDF0000141187	1/2 - 1 Mile SSE
N70	CAEDF0000093794	1/2 - 1 Mile SSE
O71	CAEDF0000109907	1/2 - 1 Mile SSE
P72	CAEDF0000033648	1/2 - 1 Mile ESE
Q73	CAEDF0000115867	1/2 - 1 Mile SSE
N74	CAEDF0000069870	1/2 - 1 Mile SSE
N75	CAEDF0000119105	1/2 - 1 Mile SSE
N76	CAEDF0000110294	1/2 - 1 Mile SSE
N77	CAEDF0000138727	1/2 - 1 Mile SSE
P78	CAEDF0000093655	1/2 - 1 Mile ESE
O79	CAEDF0000044389	1/2 - 1 Mile SE
Q80	CAEDF0000069017	1/2 - 1 Mile SSE
O81	CAEDF0000068420	1/2 - 1 Mile SE
O82	CAEDF0000067235	1/2 - 1 Mile SE
Q83	CAEDF0000077322	1/2 - 1 Mile SSE
N84	CAEDF0000124244	1/2 - 1 Mile SSE
N85	CAEDF0000104567	1/2 - 1 Mile SSE
N86	CAEDF0000088859	1/2 - 1 Mile SSE
Q87	CAEDF0000065853	1/2 - 1 Mile SSE
Q88	CAEDF0000023999	1/2 - 1 Mile SSE
Q89	CAEDF0000140845	1/2 - 1 Mile SSE
O90	CAEDF0000140316	1/2 - 1 Mile SE
N91	CAEDF0000127757	1/2 - 1 Mile SSE
N92	CAEDF0000060118	1/2 - 1 Mile SSE

STATE DATABASE WELL INFORMATION

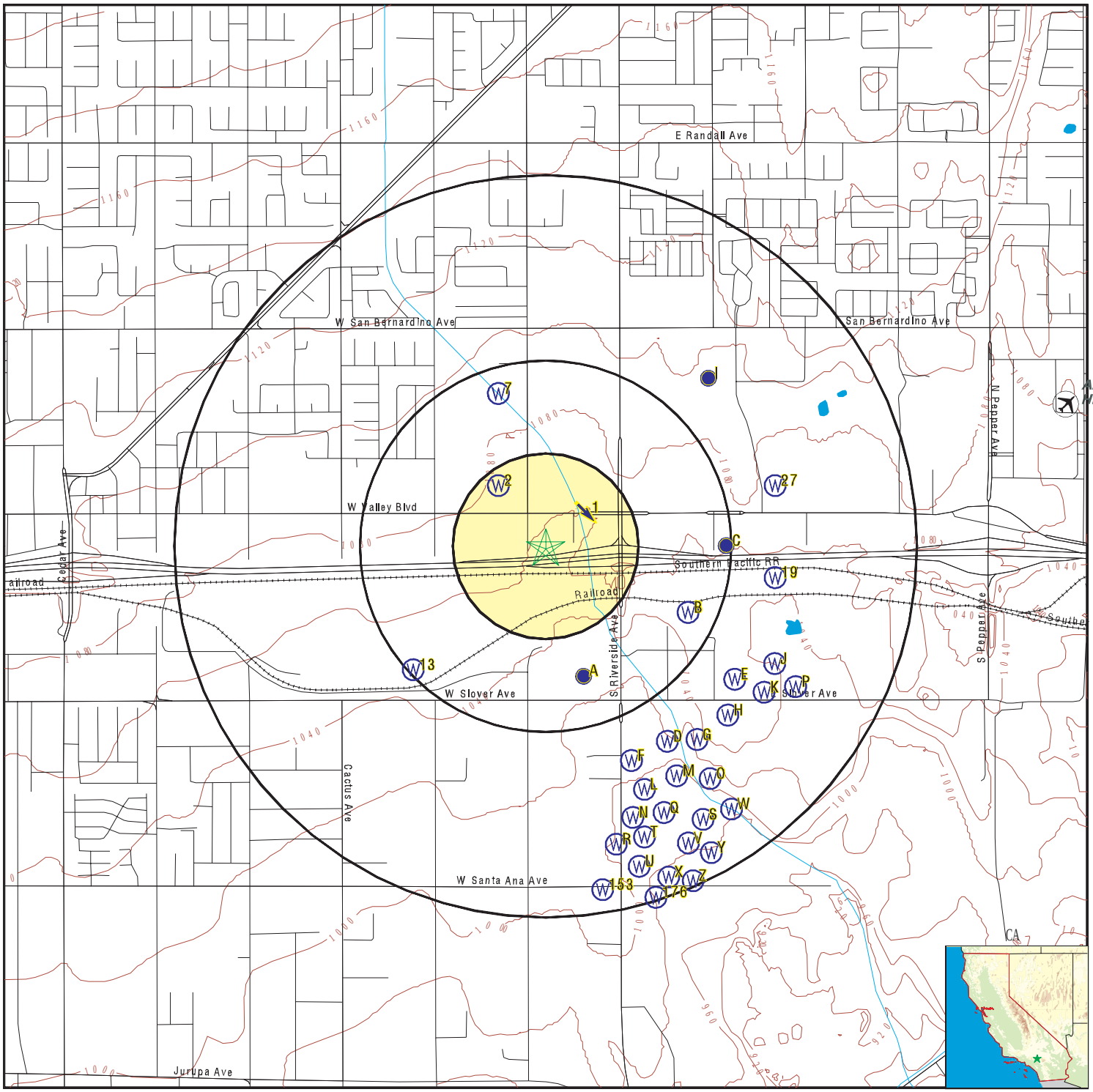
MAP ID	WELL ID	LOCATION FROM TP
Q93	CAEDF0000123041	1/2 - 1 Mile SSE
Q94	CAEDF0000104274	1/2 - 1 Mile SSE
Q95	CAEDF0000032554	1/2 - 1 Mile SSE
N96	CAEDF0000133765	1/2 - 1 Mile SSE
N97	CAEDF0000073134	1/2 - 1 Mile SSE
N98	CAEDF0000042633	1/2 - 1 Mile SSE
N99	CAEDF0000077167	1/2 - 1 Mile SSE
N100	CAEDF0000091878	1/2 - 1 Mile SSE
Q101	CAEDF0000139602	1/2 - 1 Mile SSE
Q102	CAEDF0000123538	1/2 - 1 Mile SSE
O103	CAEDF0000048082	1/2 - 1 Mile SSE
R104	CAEDF0000103812	1/2 - 1 Mile South
R105	CAEDF0000075996	1/2 - 1 Mile South
P106	CAEDF0000103331	1/2 - 1 Mile ESE
O107	CAEDF0000057961	1/2 - 1 Mile SE
P108	CAEDF0000121109	1/2 - 1 Mile ESE
R109	CAEDF0000122557	1/2 - 1 Mile SSE
R110	CAEDF0000113734	1/2 - 1 Mile SSE
S111	CAEDF0000130825	1/2 - 1 Mile SSE
Q112	CAEDF0000042632	1/2 - 1 Mile SSE
T113	CAEDF0000092230	1/2 - 1 Mile SSE
T114	CAEDF0000044889	1/2 - 1 Mile SSE
T115	CAEDF0000004768	1/2 - 1 Mile SSE
T116	CAEDF0000049005	1/2 - 1 Mile SSE
T117	CAEDF0000073133	1/2 - 1 Mile SSE
Q118	CAEDF0000050532	1/2 - 1 Mile SSE
Q119	CAEDF0000094036	1/2 - 1 Mile SSE
T120	CAEDF0000142976	1/2 - 1 Mile SSE
T121	CAEDF0000125652	1/2 - 1 Mile SSE
R122	CAEDF0000137412	1/2 - 1 Mile SSE
R123	CAEDF0000110754	1/2 - 1 Mile SSE
S124	CAEDF0000129519	1/2 - 1 Mile SSE
T125	CAEDF0000007515	1/2 - 1 Mile SSE
S126	CAEDF0000069714	1/2 - 1 Mile SSE
S127	CAEDF0000059731	1/2 - 1 Mile SSE
U128	CAEDF0000143894	1/2 - 1 Mile SSE
V129	CAEDF0000089533	1/2 - 1 Mile SSE
U130	CAEDF0000036070	1/2 - 1 Mile SSE
T131	CAEDF0000078310	1/2 - 1 Mile SSE
R132	CAEDF0000000024	1/2 - 1 Mile SSE
R133	CAEDF0000111030	1/2 - 1 Mile SSE
W134	CAEDF0000054326	1/2 - 1 Mile SE
T135	CAEDF0000133957	1/2 - 1 Mile SSE
W136	CAEDF0000110463	1/2 - 1 Mile SE
S137	CAEDF0000132738	1/2 - 1 Mile SSE
S138	CAEDF0000019926	1/2 - 1 Mile SSE
V139	CAEDF0000106129	1/2 - 1 Mile SSE
V140	CAEDF0000133955	1/2 - 1 Mile SSE
U141	CAEDF0000138400	1/2 - 1 Mile SSE
U142	CAEDF0000094335	1/2 - 1 Mile SSE
U143	CAEDF0000073611	1/2 - 1 Mile SSE
U144	CAEDF0000094337	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
U145	CAEDF0000050920	1/2 - 1 Mile SSE
X146	CAEDF0000107396	1/2 - 1 Mile SSE
V147	CADWR0000009896	1/2 - 1 Mile SSE
X148	CAEDF0000023899	1/2 - 1 Mile SSE
U149	CAEDF0000109832	1/2 - 1 Mile SSE
U150	CAEDF0000091716	1/2 - 1 Mile SSE
Y151	CAEDF0000132776	1/2 - 1 Mile SSE
X152	CAEDF0000094336	1/2 - 1 Mile SSE
153	CAEDF0000132775	1/2 - 1 Mile South
X154	CAEDF0000097526	1/2 - 1 Mile SSE
Y155	CAEDF0000110801	1/2 - 1 Mile SSE
X156	CAEDF0000062573	1/2 - 1 Mile SSE
X157	CAEDF0000071816	1/2 - 1 Mile SSE
X158	CAEDF0000079621	1/2 - 1 Mile SSE
X159	CAEDF0000062572	1/2 - 1 Mile SSE
X160	CAEDF0000067233	1/2 - 1 Mile SSE
X161	CAEDF0000047366	1/2 - 1 Mile SSE
X162	CAEDF0000004024	1/2 - 1 Mile SSE
X163	CAEDF0000140857	1/2 - 1 Mile SSE
X164	CAEDF0000126260	1/2 - 1 Mile SSE
X165	CAEDF0000122517	1/2 - 1 Mile SSE
X166	CAEDF0000049450	1/2 - 1 Mile SSE
X167	CAEDF0000015637	1/2 - 1 Mile SSE
X168	CAEDF0000080783	1/2 - 1 Mile SSE
X169	CAEDF0000112515	1/2 - 1 Mile SSE
X170	CAEDF0000051374	1/2 - 1 Mile SSE
X171	CAEDF0000036671	1/2 - 1 Mile SSE
X172	CAEDF0000062119	1/2 - 1 Mile SSE
X173	CAEDF0000061046	1/2 - 1 Mile SSE
Z174	CAEDF0000038144	1/2 - 1 Mile SSE
Z175	CAEDF0000033049	1/2 - 1 Mile SSE
176	CAEDF0000126920	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 6787826.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	1743 S Willow Ave	CLIENT:	Hazard Management Consulting
ADDRESS:	1743 S Willow Ave Rialto CA 92376	CONTACT:	Troy Taylor
		INQUIRY #:	6787826.2s
LAT/LONG:	34.069227 / 117.373783	DATE:	December 14, 2021 3:59 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
1 **NE** **1/8 - 1/4 Mile** **Higher**	Site ID:	083303059T	**AQUIFLOW**	**51030**
	Groundwater Flow:	SE		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	30 ft		
	Date:	05/21/1999		

2
NW
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR0000033821**

Well ID:	01S05W23F001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S05W23F001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S05W23F001S&store_num=		
GeoTracker Data:	Not Reported		

A3
SSE
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000028960**

Well ID:	01S05W23Q001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S05W23Q001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S05W23Q001S&store_num=		
GeoTracker Data:	Not Reported		

A4
SSE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000140418**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S005W23Q001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	360
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B5
ESE
1/4 - 1/2 Mile
Lower

CA WELLS **1005**

Seq:	1005	Prim sta c:	01S/05W-23Q01 S
Frds no:	3610004023	County:	36
District:	13	User id:	TAN
System no:	3610004	Water type:	G
Source nam:	WELL 29	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340400.0	Longitude:	1172200.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3610004	System nam:	West San Bernardino Cwd
Hqname:	Not Reported	Address:	PO BOX 920
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	0920
Pop serv:	41454	Connection:	15052
Area serve:	RIALTO-BLOOMINGTON		

B6
ESE
1/4 - 1/2 Mile
Lower

CA WELLS **1006**

Seq:	1006	Prim sta c:	01S/05W-24M01 S
Frds no:	3610004013	County:	36
District:	13	User id:	TAN
System no:	3610004	Water type:	G
Source nam:	WELL 18 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340400.0	Longitude:	1172200.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3610004	System nam:	West San Bernardino Cwd
Hqname:	Not Reported	Address:	PO BOX 920
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	0920
Pop serv:	41454	Connection:	15052
Area serve:	RIALTO-BLOOMINGTON		

7
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000037354**

Well ID:	01S05W23C001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S05W23C001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S05W23C001S&store_num=		

GeoTracker Data: Not Reported

B8
ESE **CA WELLS** **CADDW0000008692**
1/4 - 1/2 Mile
Lower

Well ID:	3610004-023	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 29 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3610004-023&store_num=		
GeoTracker Data:	Not Reported		

B9
ESE **CA WELLS** **CADDW0000001861**
1/4 - 1/2 Mile
Lower

Well ID:	3610004-013	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 18 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3610004-013&store_num=		
GeoTracker Data:	Not Reported		

C10
East **CA WELLS** **CAUSGSN00002625**
1/4 - 1/2 Mile
Higher

Well ID:	USGS-340400117210001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340400117210001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340400117210001&store_num=		
GeoTracker Data:	Not Reported		

C11
East **CA WELLS** **CAUSGS000002136**
1/4 - 1/2 Mile
Higher

C12
East **FED USGS** **USGS40000140507**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S005W24M001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	342
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

13
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000029055**

Well ID:	01S05W23N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S05W23N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S05W23N001S&store_num=		
GeoTracker Data:	Not Reported		

C14
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000022305**

Well ID:	3610004-034	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 18A	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3610004-034&store_num=		
GeoTracker Data:	Not Reported		

D15
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000057262**

Well ID:	SL208023857-DW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-12		

E16
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000036670**

Well ID:	SL0607118784-EMW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-20&store_num=		

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-20

F17
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091880**

Well ID: SL208023857-DW-21
Well Type: MONITORING
Source: EDF
Other Name: DW-21
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-21&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-21

E18
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000132592**

Well ID: SL0607118784-EMW-19
Well Type: MONITORING
Source: EDF
Other Name: EMW-19
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-19&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-19

19
East
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000019493**

Well ID: 01S05W24M001S
Well Type: UNK
Source: Department of Water Resources
Other Name: 01S05W24M001S
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S05W24M001S&store_num=
GeoTracker Data: Not Reported

G20
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075381**

Well ID: SL208023857-TEMW-2
Well Type: MONITORING
Source: EDF
Other Name: TEMW-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TEMW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TEMW-2

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H21
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000085723**

Well ID:	SL0607118784-EMW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-6		

G22
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000013108**

Well ID:	SL208023857-DW-79	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-79
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-79&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-79		

I23
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000140645**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S005W23A001S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

I24
NE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00014189**

Well ID:	USGS-340433117215801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340433117215801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340433117215801&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
G25 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000083878**

Well ID:	SL208023857-LFMW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-1		

	Database	EDR ID Number
D26 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000059429**

Well ID:	SL208023857-DW-80	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-80
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-80&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-80		

	Database	EDR ID Number
27 **ENE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADWR0000020558**

Well ID:	01S05W24E001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S05W24E001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S05W24E001S&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
D28 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000110808**

Well ID:	SL208023857-CMW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	CMW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=CMW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=CMW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E29
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000082567**

Well ID:	SL0607118784-EMW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-4		

F30
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000054324**

Well ID:	SL208023857-DW-75	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-75
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-75&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-75		

E31
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000059733**

Well ID:	SL0607118784-EMW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-17		

J32
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000018288**

Well ID:	SL0607118784-EMW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K33
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000009148**

Well ID:	SL0607118784-EMW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-15		

L34
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000076224**

Well ID:	SL208023857-LFDW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	LFDW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFDW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFDW-2		

H35
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000018093**

Well ID:	SL0607118784-EMW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-21		

G36
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000095285**

Well ID:	SL208023857-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MW-17		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L37
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073972**

Well ID:	SL208023857-LFMW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-3		

M38
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000111570**

Well ID:	SL208023857-DW-74	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-74
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-74&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-74		

J39
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000063523**

Well ID:	SL0607118784-EMW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-9		

G40
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000134673**

Well ID:	SL0607118784-EMW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-16		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G41
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000135910**

Well ID:	SL208023857-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MW-16		

H42
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000143458**

Well ID:	SL0607118784-EMW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-10		

H43
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075377**

Well ID:	SL208023857-DW-78	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-78
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-78&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-78		

L44
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000061282**

Well ID:	SL208023857-TWMW-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	TWMW-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TWMW-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TWMW-2A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J45
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000121440**

Well ID:	SL0607118784-EB-2	Well Type:	MONITORING
Source:	EDF	Other Name:	EB-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EB-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EB-2		

G46
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000133476**

Well ID:	SL208023857-PVX-5	Well Type:	MONITORING
Source:	EDF	Other Name:	PVX-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=PVX-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=PVX-5		

L47
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092677**

Well ID:	SL208023857-TWMW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	TWMW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TWMW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TWMW-1		

K48
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000020589**

Well ID:	SL0607118784-EMW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-22		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M49
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000002428**

Well ID:	SL208023857-PVX-6	Well Type:	MONITORING
Source:	EDF	Other Name:	PVX-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=PVX-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=PVX-6		

L50
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000053799**

Well ID:	SL208023857-TWMW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	TWMW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TWMW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TWMW-3		

J51
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075540**

Well ID:	SL0607118784-LF-2	Well Type:	MONITORING
Source:	EDF	Other Name:	LF-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=LF-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=LF-2		

L52
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000076371**

Well ID:	SL208023857-TWDW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	TWDW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TWDW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TWDW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J53
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000080784**

Well ID:	SL0607118784-LF-1	Well Type:	MONITORING
Source:	EDF	Other Name:	LF-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=LF-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=LF-1		

L54
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000002710**

Well ID:	SL208023857-MOBILMW-01	Well Type:	MONITORING
Source:	EDF	Other Name:	MOBILMW-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MOBILMW-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MOBILMW-01		

K55
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000127044**

Well ID:	SL0607118784-EMW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-2		

K56
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000100784**

Well ID:	SL0607118784-EMW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M57
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000019731**

Well ID:	SL208023857-LFMW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-8		

N58
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000099229**

Well ID:	SL208023857-MOBILMW-02	Well Type:	MONITORING
Source:	EDF	Other Name:	MOBILMW-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MOBILMW-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MOBILMW-02		

L59
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000039555**

Well ID:	SL208023857-SMW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	SMW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=SMW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=SMW-12		

K60
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000119520**

Well ID:	SL0607118784-EMW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-13		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L61
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000040685**

Well ID:	SL208023857-SMW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SMW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=SMW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=SMW-1		

N62
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000061739**

Well ID:	SL208023857-LFMW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-9		

O63
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000079622**

Well ID:	SL208023857-PVX-4	Well Type:	MONITORING
Source:	EDF	Other Name:	PVX-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=PVX-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=PVX-4		

L64
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000058960**

Well ID:	SL208023857-SMW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	SMW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=SMW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=SMW-13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O65
SE **CA WELLS** **CAEDF0000015260**
1/2 - 1 Mile
Lower

Well ID:	SL208023857-PVX-2	Well Type:	MONITORING
Source:	EDF	Other Name:	PVX-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=PVX-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=PVX-2		

P66
ESE **CA WELLS** **CAEDF0000110979**
1/2 - 1 Mile
Lower

Well ID:	SL0607118784-LF-3	Well Type:	MONITORING
Source:	EDF	Other Name:	LF-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=LF-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=LF-3		

M67
SSE **CA WELLS** **CAEDF0000061505**
1/2 - 1 Mile
Lower

Well ID:	SL208023857-TWB-6	Well Type:	MONITORING
Source:	EDF	Other Name:	TWB-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TWB-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TWB-6		

N68
SSE **CA WELLS** **CAEDF0000117402**
1/2 - 1 Mile
Lower

Well ID:	SL208023857-MOBILSB-01	Well Type:	MONITORING
Source:	EDF	Other Name:	MOBILSB-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MOBILSB-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MOBILSB-01		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N69
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000141187**

Well ID:	SL208023857-DW-81	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-81
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-81&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-81		

N70
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000093794**

Well ID:	SL208023857-MOBILVW-01	Well Type:	MONITORING
Source:	EDF	Other Name:	MOBILVW-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MOBILVW-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MOBILVW-01		

O71
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000109907**

Well ID:	SL208023857-LFMW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-10		

P72
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000033648**

Well ID:	SL0607118784-EMW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-14		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q73
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000115867**

Well ID:	SL208023857-SMW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	SMW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=SMW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=SMW-14		

N74
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000069870**

Well ID:	SL208023857-SMW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	SMW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=SMW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=SMW-4		

N75
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000119105**

Well ID:	SL208023857-SMW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	SMW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=SMW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=SMW-7		

N76
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000110294**

Well ID:	SL208023857-MOBILVW-02	Well Type:	MONITORING
Source:	EDF	Other Name:	MOBILVW-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MOBILVW-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MOBILVW-02		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
N77 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000138727**

Well ID:	SL208023857-MOBILSB-02	Well Type:	MONITORING
Source:	EDF	Other Name:	MOBILSB-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MOBILSB-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MOBILSB-02		

	Database	EDR ID Number
P78 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000093655**

Well ID:	SL0607118784-EMW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-23		

	Database	EDR ID Number
O79 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000044389**

Well ID:	SL208023857-PVX-1	Well Type:	MONITORING
Source:	EDF	Other Name:	PVX-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=PVX-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=PVX-1		

	Database	EDR ID Number
Q80 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000069017**

Well ID:	SL208023857-SMW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	SMW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=SMW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=SMW-11		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O81
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000068420**

Well ID:	SL208023857-DW-77	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-77
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-77&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-77		

O82
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067235**

Well ID:	SL208023857-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MW-19		

Q83
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000077322**

Well ID:	SL208023857-SMW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	SMW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=SMW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=SMW-15		

N84
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000124244**

Well ID:	SL208023857-AMW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	AMW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AMW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AMW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N85
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000104567**

Well ID:	T0607100467-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=MW-1		

N86
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000088859**

Well ID:	SL208023857-MOBILMW-03	Well Type:	MONITORING
Source:	EDF	Other Name:	MOBILMW-03
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MOBILMW-03&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MOBILMW-03		

Q87
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000065853**

Well ID:	SL208023857-PVX-9	Well Type:	MONITORING
Source:	EDF	Other Name:	PVX-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=PVX-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=PVX-9		

Q88
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000023999**

Well ID:	T0607100467-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=MW-9		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q89
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000140845**

Well ID:	SL208023857-AMW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	AMW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AMW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AMW-9		

O90
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000140316**

Well ID:	SL208023857-PVX-3	Well Type:	MONITORING
Source:	EDF	Other Name:	PVX-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=PVX-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=PVX-3		

N91
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000127757**

Well ID:	T0607100467-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=MW-10		

N92
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000060118**

Well ID:	SL208023857-AMW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	AMW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AMW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AMW-10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q93
SSE **CA WELLS** **CAEDF0000123041**
1/2 - 1 Mile
Lower

Well ID:	T0607100467-ADW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	ADW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=ADW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=ADW-2		

Q94
SSE **CA WELLS** **CAEDF0000104274**
1/2 - 1 Mile
Lower

Well ID:	SL208023857-LFMW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-5		

Q95
SSE **CA WELLS** **CAEDF0000032554**
1/2 - 1 Mile
Lower

Well ID:	SL208023857-SMW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	SMW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=SMW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=SMW-10		

N96
SSE **CA WELLS** **CAEDF0000133765**
1/2 - 1 Mile
Lower

Well ID:	SL208023857-TFE-N	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-N
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-N&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-N		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N97
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073134**

Well ID:	SL208023857-AMW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	AMW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AMW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AMW-6		

N98
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000042633**

Well ID:	T0607100467-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=MW-6		

N99
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000077167**

Well ID:	SL208023857-AMW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	AMW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AMW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AMW-12		

N100
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091878**

Well ID:	T0607100467-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=MW-12		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q101
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000139602**

Well ID:	T0607100467-MW-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=MW-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=MW-2A		

Q102
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000123538**

Well ID:	SL208023857-AMW-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	AMW-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AMW-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AMW-2A		

O103
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000048082**

Well ID:	SL208023857-PVX-11	Well Type:	MONITORING
Source:	EDF	Other Name:	PVX-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=PVX-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=PVX-11		

R104
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000103812**

Well ID:	SL208023857-DW-83	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-83
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-83&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-83		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R105
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075996**

Well ID:	SL208023857-EXDW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EXDW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=EXDW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=EXDW-1		

P106
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000103331**

Well ID:	SL0607118784-EMW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-5		

O107
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000057961**

Well ID:	SL208023857-LFDW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	LFDW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFDW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFDW-1		

P108
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000121109**

Well ID:	SL0607118784-EMW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-8		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R109
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122557**

Well ID:	SL208023857-DW-82	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-82
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-82&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-82		

R110
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000113734**

Well ID:	SL208023857-DW-48	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-48
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-48&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-48		

S111
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000130825**

Well ID:	SL208023857-LFMW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-11		

Q112
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000042632**

Well ID:	SL208023857-LFMW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T113
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092230**

Well ID:	T0607100467-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=MW-8		

T114
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000044889**

Well ID:	SL208023857-AMW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	AMW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AMW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AMW-5		

T115
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000004768**

Well ID:	T0607100467-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=MW-5		

T116
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000049005**

Well ID:	T0607100467-MW-4A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=MW-4A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=MW-4A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T117
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073133**

Well ID:	SL208023857-AMW-4A	Well Type:	MONITORING
Source:	EDF	Other Name:	AMW-4A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AMW-4A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AMW-4A		

Q118
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000050532**

Well ID:	T0607100467-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=MW-11		

Q119
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000094036**

Well ID:	SL208023857-AMW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	AMW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AMW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AMW-11		

T120
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000142976**

Well ID:	SL208023857-AMW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	AMW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AMW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AMW-7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T121
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000125652**

Well ID:	T0607100467-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=MW-7		

R122
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000137412**

Well ID:	SL208023857-TFE-J	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-J
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-J&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-J		

R123
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000110754**

Well ID:	SL208023857-LFMW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-4		

S124
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000129519**

Well ID:	SL208023857-LFMW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-12		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T125
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000007515**

Well ID:	SL208023857-DW-47	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-47
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-47&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-47		

S126
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000069714**

Well ID:	SL208023857-PVX-12	Well Type:	MONITORING
Source:	EDF	Other Name:	PVX-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=PVX-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=PVX-12		

S127
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000059731**

Well ID:	SL208023857-DW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-10		

U128
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000143894**

Well ID:	SL208023857-TFE-K	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-K
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-K&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-K		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V129
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000089533**

Well ID:	SL208023857-PVX-14	Well Type:	MONITORING
Source:	EDF	Other Name:	PVX-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=PVX-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=PVX-14		

U130
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000036070**

Well ID:	SL208023857-MW-50	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-50
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MW-50&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MW-50		

T131
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000078310**

Well ID:	SL208023857-LFDW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	LFDW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFDW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFDW-3		

R132
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000000024**

Well ID:	T0607100467-ADW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	ADW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607100467&assigned_name=ADW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607100467&assigned_name=ADW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R133
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000111030**

Well ID:	SL208023857-ADW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	ADW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=ADW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=ADW-1		

W134
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000054326**

Well ID:	SL0607118784-EMW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	EMW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607118784&assigned_name=EMW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607118784&assigned_name=EMW-11		

T135
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000133957**

Well ID:	SL208023857-LFMW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-7		

W136
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000110463**

Well ID:	SL208023857-DW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S137
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000132738**

Well ID:	SL208023857-PVX-13	Well Type:	MONITORING
Source:	EDF	Other Name:	PVX-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=PVX-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=PVX-13		

S138
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000019926**

Well ID:	SL208023857-LFMW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	LFMW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFMW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFMW-2		

V139
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000106129**

Well ID:	SL208023857-DDW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	DDW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DDW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DDW-17		

V140
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000133955**

Well ID:	SL208023857-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MW-13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U141
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000138400**

Well ID:	SL208023857-TFE-G	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-G
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-G&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-G		

U142
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000094335**

Well ID:	SL208023857-DDW-46	Well Type:	MONITORING
Source:	EDF	Other Name:	DDW-46
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DDW-46&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DDW-46		

U143
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073611**

Well ID:	SL208023857-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MW-22		

U144
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000094337**

Well ID:	SL208023857-TFE-F	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-F
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-F&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-F		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U145
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000050920**

Well ID:	SL208023857-TFE-E	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-E
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-E&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-E		

X146
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000107396**

Well ID:	SL208023857-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MW-14		

V147
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000009896**

Well ID:	01S05W26H001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S05W26H001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S05W26H001S&store_num=		
GeoTracker Data:	Not Reported		

X148
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000023899**

Well ID:	SL208023857-DW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-23		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U149
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000109832**

Well ID:	SL208023857-DW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-16		

U150
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091716**

Well ID:	SL208023857-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MW-21		

Y151
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000132776**

Well ID:	SL208023857-DW-76	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-76
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-76&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-76		

X152
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000094336**

Well ID:	SL208023857-AS/SVE-4	Well Type:	MONITORING
Source:	EDF	Other Name:	AS/SVE-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AS/SVE-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AS/SVE-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

153
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000132775**

Well ID:	SL208023857-DW-49	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-49
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-49&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-49		

X154
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000097526**

Well ID:	SL208023857-ASW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	ASW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=ASW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=ASW-3		

Y155
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000110801**

Well ID:	SL208023857-DW-37	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-37
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-37&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-37		

X156
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000062573**

Well ID:	SL208023857-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MW-20		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X157
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000071816**

Well ID:	SL208023857-TFE-A	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-A		

X158
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000079621**

Well ID:	SL208023857-DW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-22		

X159
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000062572**

Well ID:	SL208023857-TFE-D	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-D		

X160
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067233**

Well ID:	SL208023857-AS/SVE-3	Well Type:	MONITORING
Source:	EDF	Other Name:	AS/SVE-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AS/SVE-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AS/SVE-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X161
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000047366**

Well ID:	SL208023857-ASW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	ASW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=ASW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=ASW-2		

X162
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000004024**

Well ID:	SL208023857-DW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-9		

X163
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000140857**

Well ID:	SL208023857-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MW-15		

X164
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000126260**

Well ID:	SL208023857-DDW-27	Well Type:	MONITORING
Source:	EDF	Other Name:	DDW-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DDW-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DDW-27		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X165
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122517**

Well ID:	SL208023857-ASW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	ASW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=ASW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=ASW-1		

X166
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000049450**

Well ID:	SL208023857-AS/SVE-1	Well Type:	MONITORING
Source:	EDF	Other Name:	AS/SVE-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=AS/SVE-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=AS/SVE-1		

X167
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000015637**

Well ID:	SL208023857-LFDW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	LFDW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFDW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFDW-4		

X168
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000080783**

Well ID:	SL208023857-TFE-L	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-L
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-L&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-L		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X169
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000112515**

Well ID:	SL208023857-TFE-C	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-C		

X170
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000051374**

Well ID:	SL208023857-TFE-B	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-B		

X171
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000036671**

Well ID:	SL208023857-LFDW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	LFDW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=LFDW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=LFDW-8		

X172
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000062119**

Well ID:	SL208023857-TFE-M	Well Type:	MONITORING
Source:	EDF	Other Name:	TFE-M
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=TFE-M&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=TFE-M		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X173
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000061046**

Well ID:	SL208023857-DDW-41	Well Type:	MONITORING
Source:	EDF	Other Name:	DDW-41
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DDW-41&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DDW-41		

Z174
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000038144**

Well ID:	SL208023857-DW-38	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-38
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-38&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-38		

Z175
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000033049**

Well ID:	SL208023857-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=MW-18		

176
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000126920**

Well ID:	SL208023857-DW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208023857&assigned_name=DW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208023857&assigned_name=DW-14		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
1G **NE** **1/8 - 1/4 Mile** **Lower**	Site ID:	083303059T	**AQUIFLOW**	**51030**
	Groundwater Flow:	SE		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	30 ft		
	Date:	05/21/1999		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92376	12	0

Federal EPA Radon Zone for SAN BERNARDINO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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1743 S Willow Ave
1743 S Willow Ave
Rialto, CA 92376

Inquiry Number: 6787826.5
December 16, 2021

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☑	EDR Digital Archive
2014	☑	☑	EDR Digital Archive
2010	☑	☑	EDR Digital Archive
2005	☑	☑	EDR Digital Archive
2000	☑	☑	EDR Digital Archive
1995	☑	☑	EDR Digital Archive
1992	☑	☑	EDR Digital Archive
1986	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1976	☑	☐	Haines Criss-Cross Directory
1971	☑	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

1743 S Willow Ave
Rialto, CA 92376

Year	*CD Image*	*Source*

S WILLOW AVE

2017	pg A1	EDR Digital Archive
2014	pg A3	EDR Digital Archive
2010	pg A5	EDR Digital Archive
2005	pg A7	EDR Digital Archive
2000	pg A9	EDR Digital Archive
1995	pg A11	EDR Digital Archive
1992	pg A13	EDR Digital Archive
1986	pg A15	Haines Criss-Cross Directory
1986	pg A16	Haines Criss-Cross Directory
1980	pg A19	Haines Criss-Cross Directory
1980	pg A20	Haines Criss-Cross Directory
1976	pg A23	Haines Criss-Cross Directory
1976	pg A24	Haines Criss-Cross Directory
1971	pg A26	Haines Criss-Cross Directory

W VALLEY BLVD

1986	pg A17	Haines Criss-Cross Directory
1986	pg A18	Haines Criss-Cross Directory
1980	pg A21	Haines Criss-Cross Directory
1980	pg A22	Haines Criss-Cross Directory
1976	pg A25	Haines Criss-Cross Directory
1971	pg A27	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
W VALLEY BLVD		
2017	pg. A2	EDR Digital Archive
2014	pg. A4	EDR Digital Archive
2010	pg. A6	EDR Digital Archive
2005	pg. A8	EDR Digital Archive
2000	pg. A10	EDR Digital Archive
1995	pg. A12	EDR Digital Archive
1992	pg. A14	EDR Digital Archive

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S WILLOW AVE 2017

1743 GENERAL WAREHOUSE PRODUCTS

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

W VALLEY BLVD 2017

111	TMSO INC
120	BURGER KING
127	HOMETOWN BUFFET
220	THE SPACE PLACE
	UHAUL
280	GOODFELLOW
311	WHITING DOOR MANUFACTURING
323	CASA BLANCA TEST ONLY
	HERNANDEZ TIRES
	INLAND ELECTRONICS INC
341	ALL PACKAGING SOLUTIONS
	MANUFACTURING FOAM
350	BELCO TRANSPORT INC
	FERRO STEEL
	SQUARE TRANSPORTATION
363	ORION FLOORING
379	INTERNATIONAL BROTHERHOOD OF TEAMSTE
	TEAMSTERS UNION LOCAL 63
450	JACK DIESEL REPAIR
452	STEEL UNLIMITED INC SUI
456	STEEL UNLIMITED INC SUI
475	CHEAP ELECTRIC CONTRACTORS COMPANY
476	QUALITY TIRE AUTO SERVICE
483	EL GALLO BAR & GRILL
484	DISCOUNT TIRE
	PEP BOYS RIALTO
575	UTILITY CRANE & EQUIPMENT INC
838	BEST DEALS AUTO CENTER
993	A 1 MARKET & LIQUOR
2012	ALONSO, IRIS
	EJG PROPERTY MANAGEMENT
2042	VALLEY VIEW INN
2084	FAMILY SHOE STORE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S WILLOW AVE 2014

1743 DISCOUNT RACKS
GENERAL WAREHOUSE PRODUCTS

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

W VALLEY BLVD 2014

111	TMSO INC
120	BURGER KING
	BURGER KING STORE NO 11482
127	HOMETOWN BUFFET
213	JV TIRES
220	SPACE PLACE THE
	UHAUL
280	GOODFELLOW
311	WHITING DOOR MANUFACTURING
323	ADT SECURITY SERVICES
	CASA BLANCA TEST ONLY
	GARCIA, ELIZABETH
	HERNANDEZ TIRES & WHEELS
	INLAND ELECTRONICS INC
341	ADT SECURITY SERVICES
	ALL PACKAGING SOLUTIONS
	MANUFACTURING FOAM
	SCOTTYS WOOD PRODUCTS
350	BELCO TRANSPORT INC
	FERRO STEEL
	SQUARE TRASNPORTATION
363	ORION FLOORING
379	TEAMSTERS UNION LOCAL 63
408	SHAW, CHARLES
450	APPLIED LIFE TRADE SCHOOL
	JACK DISEL REPAIR
452	STEEL UNLIMITED INC SUI
475	BEST WESTERN
476	GOODYEAR AUTO SERVICE CENTER
	QUALITY TIRE AUTO SERVICE CENTER
483	EL GALLO BAR & GRILL
484	DISCOUNT TIRE CENTERS
	THE PEP BOYS MANNY MOE & JACK OF CA
498	WENMAN, ANN
824	E JANS INVESTMENT & DEVELOPMENT CO
993	JUAN, ROSALES
	M PAINTING & SERVICES
	NIGHTMOTORSPORTS
2012	ALONSO, IRIS
	F MARQUEZ SIGNS
2036	OROWEAT
2042	VALLEY VIEW INN
2084	FAMILY SHOE STORE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S WILLOW AVE 2010

1709 TOMS UNAUTHORIZED CUMMINS RPR
1743 DISCOUNT RACK
GENERAL WAREHOUSE PRODUCTS
GWP

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

W VALLEY BLVD 2010

111	ARCO
120	BURGER KING
127	HOME TOWN BUFFET
213	CLEMTRANS INC
220	SPACE PLACE
	UHAUL CO
311	WHITING DOOR MFG
323	TEAMSTERS UNION
341	ALL PACKAGING SOLUTIONS
	MANUFACTURING FOAM
350	BEST DRILLING & PUMP
	DOUGLAS TRUCKING CO
	FAT EQUIPMENT RENTAL INC
	MILNET STEEL
	SQUARE TRANSPORTATION
363	ORION TILE & MARBLE
	UNITED MOBIL REPAIR & TOW
408	SHAW, CHARLES
450	GNS DIESEL REPAIR
456	STEEL UNLIMITED INCSUI MFG
475	EMPIRE INN
476	QUALITY TIRE AUTO SVC CTR
484	DISCOUNT TIRE CTR
498	WENMAN, ANN
993	CASTMEN OUTLET APPLIANCES
	K & K CO
2036	OROWEAT BAKING CO
2048	LANDJET MOTOR CARRIERS INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S WILLOW AVE 2005

1709 JIM HUSS TRUCKING
JIM, HUSS T
1743 DISCOUNT RACKS
GENERAL WAREHOUSE PRODUCTS
GWP

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

W VALLEY BLVD 2005

120	BURGER KING
127	HOMETOWN BUFFET
213	THE CLEMONS FOURTH FAMILY LP
220	SPACE PLACE
	U HAUL CO
280	FEDEX
311	WHITING ROLL UP DOOR MFG INC
323	CMEAAS INC
	HAN, CHANG
	HOMEOWNER
	SMOG WIZER
	SMOG, WIZER
	TEAMSTERS LOCAL NO 63
	VALLEY WHOLESALE
341	BLUE, HAVEN
350	ALL COMMERCIAL TOWING SERVICES
	BELCO TRANSPORT INC
	DOUGLAS TRUCKING COM PANY
	F A T EQUIPMENT RENTAL INC
363	ALL ABOUT SMOG
	CHERRY MOON PRODUCTIONS
	SMOG WIZER TEST ONLY
379	TEAMSTERS LOCAL 63
	WHOLESALE & RETAIL FD DSTRB
408	SHAW, CHARLES
412	KRUEGER, CHRIS R
450	ADVANTAGE AUTO & EQUIPMENT
	GNS DIESEL REPAIR
452	STEEL UNLIMITED INC
456	STEEL UNLIMITED INC SUI MANUFACTURIN
	TEDS AUTO
475	AQUA CRYSTAL WATER SYSTEM
	BEST WESTERN EMPIRE INN
	RIALTO INVESTMENT PARTNERSHIP
476	PERFORMANCE TIRE & SERVICE
483	MOMS COUNTRY KITCHEN
484	DISCOUNT TIRE CENTERS
498	WENMAN, ANN
2036	OROWEAT BAKING CO
2042	ECONOMY INN
	VALLEY VIEW INN
2048	LANDJET MOTOR CARRIERS INC
2084	PICK YOUR PART AUTO WRECKING

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S WILLOW AVE 2000

1743 TIMS MOBILE TRUCK REPAIR INCORPORATED
1744 LARSON, GUY

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

W VALLEY BLVD 2000

120	BURGER KING
127	HOMETOWN BUFFET
213	CLEM-TRANS INCORPORATED
220	SPACE PLACE THE
	U HAUL CO INDEPENDENT DEALERS
285	ABILITY HOUSE MOVERS
	ADVANTAGE SALES
311	WHITING ROLL UP DOOR CORPORATION
323	CUSTOM CRAFTED SPAS BY SPAS PLUS
	DASH GLOVE
	SPAS PLUS
341	BLUE HAVEN POOLS
	ELECTRONIC PROCESSING
	LANDMARK LASER PRINTER SERVICE
	SCOTTYS WOOD PRODUCTS
350	CALICO TRANSPORT INCORPORATED
	DOUGLAS TRUCKING COMPANY
	F A T EQUIPMENT RENTAL INCORPORATED
379	TEAMSTERS UNION LOCAL 63
450	GNS DIESEL REPAIR
	JOHNS REEFER SERVICE
452	STEEL UNLIMITED INCORPORATED
456	CHAMPION RESOURSES INCORPORATED
	CHAMPION TRUCK PARTS
	TEDS AUTO
475	BEST WESTERN EMPIRE INN
	CALIFORNIA BUSINESS SYSTEMS
	MOORE, EILEEN F
476	DUKE, WAYNE
	DUKES CONSTRUCTION COMPANY
	FAB COMPANY
	JIMS AUTO
483	IZUMI JAPANESE RESTAURANT
484	DISCOUNT TIRE CENTERS
822	CORTEZ, S

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S WILLOW AVE 1995

1743 TIMS MOBILE TRUCK REPAIR INC

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

W VALLEY BLVD 1995

125	CHAUNCY, GEORGE W
127	COX, KENNETH R
	VALLEY ANIMAL HOSPITAL
220	GOODELL, DAN
	SPACE PLACE
253	CEMENT CARRIERS INC
	MARKETING & MANAGEMENT CALIF
285	ABILITY HOUSE MOVERS
	TOM SON TANK LINES INC
311	WHITING ROLL UP DOOR CORP
323	AAA TRUCK PARTS
	BATTERY CENTER
	EXIDE CORP
341	BLUE HAVEN POOLS
	LANDMARK LASER PRINTER SVC
	T V CLINIC
	TYLES DEVELOPMENT
350	DOUGLAS TRUCKING CO
	FAT EQUIPMENT RENTAL INC
363	COLLECTORS GALLERY
	INLAND EMPIRE TILE & CARPET CO
	TILE GALLERY
379	TEAMSTERS UNION LOCAL 63
450	AIMERS FLOWER & PLANT MARKET
456	CONSTEEL INC
	OCCUPANT UNKNOWNN
475	BEST WESTERN
476	DUKE, WAYNE
	DUKES GARAGE DOORS
484	DISCOUNT TIRE CTR
2036	OROWEAT BAKING CO
2084	YERMO SIGNS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S WILLOW AVE 1992

1743 TIMS MOBILE TRUCK
1744 TRANS AMER INTERMDL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

W VALLEY BLVD 1992

125	CHAUNCY GEORGE W
	CHAUNEY, GEORGE W
127	COX KENNETH R
140	HUBBS PAUL J CONSTR
213	CLEM TRANS INC
220	SPACE PLACE THE
253	ABILITY TRUCK PARTS
	CEMENT CARRIERS INC
285	ABILITY HOUSE MOVER
	TOM SON TANK LINES
311	WHITING ROLL UP DR
323	EXIDE CORP
	UNIVRSL PAINT CORP
341	BLUE HAVEN PL INLND
	CANNON HEATING&AC
	PARAGON FOIL EMBOSS
	TYLES DEVELOPMENT
350	CALICO TRANSPORT
	DOUGLAS TRUCKING CO
	F A T EQUIPMNT RNTL
363	CARPET GALLERY
379	TEAMSTERS UNION 63
456	CUZZ LANDSCAPING CO
	DESERT STEEL&IND
	FLOWER&PLANT MARKET
476	DUKE, WAYNE
	DUKES GARAGE DOORS
484	DISCOUNT TIRE CNTRS

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

S WILLOW AVE 1986



WILLOW AV S 92376
RIALTO

130	ALLEN MCNEARNEY FNL	875-1123	
	MCNEARNEY & FNRL HM	875-1123	
	MCNEARNEY GERARD J	875-1123	
	MCNEARNEY GERARD JR	875-1123	0
	MCNEARNEY JO ANN	875-1123	
	RIALTO ALLEN FUNERL	875-1123	1
131	RIALTO CTY FIRE	820-2608	5
	RIALTO CTY FIRE ADM	820-2601	5
	RIALTO CTY FIRE BL	820-2608	5
134	MABLES FLOWERS	875-2478	
142	XXXX	00	
145	NORTON DONALD	874-5278	+8
245	RIALTO CTY WTR CHF	820-2610	5
	RIALTO CTY WTR DEPT	820-2608	5
	RIALTO CTY WTR METR	820-2609	5
246	RIALTO CTY PUB WTR S	820-2602	5
	RIALTO CTY PUB WTRS	820-2603	5
260	YOUNGS MKT	875-3940	1
	YOUNGS MKT CO	963-3538	0
269	XXXX	00	
271	BOWEN SUPPLY INC	874-8310	5
273	DAN GRIFFIN VW REPR	874-2320	3
	GRIFFIN DAN VW RPR	874-2320	4
312	AMBER STEEL CO	874-2213	
320	LYNCH E	875-5619	
350	LA QUINTA APTS		
	ADAMS LINSTON	820-4887	2
	AMGERMEIR LILA M	874-4707	1
	ARCE CRUZ	875-5903	7
	AUSTIN FLOYD S	874-1367	0
	AZNAR E	874-2316	8
	BADGER LELAN	874-9562	4
	BARNES E B	874-2766	3
	BAUNIA GARY S	875-8526	
	BAUNIA LINDA	875-8526	0
	BELLOMY GEO M	875-0471	8
	BELMONT M	875-7920	1
	BUGE FRED K	875-5061	
	CAIN CHARLES A	820-4949	2
	CHASTAIN B J	875-3322	1
	CINNAMON EARL H	875-6623	9
	CONRAD STEPHEN	874-0463	3
	CROSS O J	874-2670	9
	DILLARD CHAS	875-7339	
	FARERO CURTIS	874-9264	2
	FATH HARRY C	875-3149	7
	FORTNER AL	874-0772	+8
	FROTHER LORNA	874-0772	+8
	GERTH MAYNARD F	874-4723	9
	GREBS ERNIE	874-5369	4
	GRIBBIN EDW A	875-4188	
	HAWKINS TODD	874-7590	+8
	HORVATINOVICH W E	874-6126	3
	HUMBERT ERIC S	820-1650	4
	HUNSAKER NORRIS W	874-4898	9
	JACOBSON RICHARD C	874-0037	
	JACOBSON SAVILLA	874-0037	
	KATWAROS PETER	874-1951	8
	KATSPARIS LOUIS	874-3949	3
	KEATING JOHN T	874-4452	7
	KEAN S	875-5475	+8
	KNOWLES R REV	874-4483	7
	KURASKE LYNNE	875-8442	1
	LAUGHLIN LILLIAN P	875-2042	8
	LEDFORD RONALD	874-0803	9
	LONG BILLY JOE	874-0622	8
	LONG VIRGINIA	874-0622	
	LOPEZ MARTIN JR	874-0144	5
	MARIANA DAVID S	874-4268	5
	MCMILLAN JAS W	874-2037	1
	MCWICKER FRANK B	874-5988	+8
	MERRILL F	874-1738	8
	MERTEN J	875-2633	1
	MOODY LONA	874-3142	7
	NAGY WM	875-7564	8
	NELSEN LAWRENCE	875-3077	1
	NEUMAN KYM	874-8219	5
	PARKER RAY	874-9486	4
	PARQUE LA QUINTA	820-4810	5
	PAYNE KENNETH L 2D	874-7089	1
	PEER RICHARD A	874-2780	
	PERSSON NORE T	875-1789	8
	RAY LEWIS A	874-0223	
	REED CALVIN W	874-5349	
	REED LEONORE G	874-5349	3
	REPPOND B L	875-9050	5
	RILEY LEON	875-2617	
	SAMANTELLO CARL	874-8265	+8
	SAMANTELLO SUSAN	874-8265	+8
	SAMPSON I P	874-3105	
	SHORT A F	875-1682	
	SMITH PAUL A	874-4475	
	SMITH T ARTHUR REV	874-4475	
	SMUTZ S A	874-7918	3
	SOSA J L	875-7474	5
	SPICER B	874-7868	5
	SPOERLE C L	874-0803	5
	SPRAGUE ARNOLD G	875-0840	8
	STONES CRPT CLNG	875-4094	+8
	YEAL K L	820-4815	2
	TOOM DONALD A	874-3457	5
	TRUXTON WAYNE D	874-9418	4
	VANDERKAMP DICK	874-8786	2
	VONESCHEN L C	875-8926	+8
	WHITNEY DENNIS	874-1943	
	WOODWARD BOB	874-7847	
	WOODWARD M	820-2211	
	WOODWARD MICHAEL R	820-2211	
	WOODWARD MIKE	874-7847	5
	ZIBELL GERALD JR	875-1972	8
	ZIEMAN H F	874-1369	4
350			
387	LOPEZ JOHN S	875-9978	
387	OMATTIA ELSA	875-8764	8
	ROLLINS CLYDE W	875-7094	1
405	KICK STEVE	874-7328	5
421	CORONA TRIS A	875-5074	5
425	XXXX	00	
443	MERLO SCOTT	875-8298	+8
455	BURKHART CHAS M	874-4773	
511	XXXX	00	
517	MAYORAL EDW	875-7083	
535	TEWKSBURY BUD	875-8587	4
539	XXXX	00	
544	HINES ORA L	875-1813	
547	SION P	874-0339	4
548	XXXX	00	
549	LETNER EARL W	874-8441	3
554	BUSTAMANTE FRANK	874-1912	
573	FLOWERS WILLARD C	875-8648	4
575	XXXX	00	
577	GREEN ROBT A	820-1320	4
603	SALDIVAR ISIDRO L	874-8783	2
607	RAZO MANUEL	875-1383	
617	KABETA PAUL	874-2819	
627	HAINES I	874-7819	4
631	BUNCH ETHEL O	875-8969	
	REYNOLDS LEN A	875-8959	
643	ROWE CLYDE W	875-4458	5
	ROWE PATRICIA E	875-4458	
647	MELTON MAXINE E	874-8238	5
725	XXXX	00	
735	BLOSSOM DOROTHY	875-3820	
	BLOSSOM R L	875-3920	
745	LOMBARDINO TONY P	820-4351	3
755	ROZMON ELAINE M	874-3309	
	ROZMON ROBBY	875-9309	2
	ROZMON WM J	874-3309	
784	BREDEN POM	820-2182	4
	BREDEN ROBT W	820-2182	
795	DOERR RICHARD C	875-8344	
814	BONANNON W C	874-4023	
834	CASPER KENNITH	820-1487	+8

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WILLOW AV S		92376 CONT	
848	MUSZALA EDW J	875-5946	8
862	XXXX	00	
930	BERUMEN JESSE	875-9031	9
933	SANFORD V G	875-3870	
940	WILLIAMS JAS MIKE	875-6453	3
950	XXXX	00	
960	XXXX	00	
983	BURKHARDT EDW	875-4373	+8
	BURKHARDT YVONNE	875-4373	+8
995	XXXX	00	
1009	HOWLETT C S	875-S338	8
1040	BARNES W C	876-7757	
1050	COULSON WILLIE	874-8745	5
1150	JONES GARY E	875-5125	5
1160	XXXX	00	
1190	DAUMONT EDWARD	874-0578	
1202	DEBOUROUIGNON D	874-1088	1
	DEBOURGUIGNON D	874-1069	0
1426	NAPPE BABCOCK	877-1401	0
1434	BRUMET A E	877-1910	
1440	GELCO SPACE	887-1975	+8
1485	HALSEY MACH&MFG CO	677-1680	
1743	GRUMPYS AUTO BODY	877-1078	+8
	THOMPSON R TRUCKING	877-0777	
NO #	BAKERS BTTL RCYCLNG	877-8522	4
NO #	NORTON BATTERY MFG	877-2181	
NO #	VALLEY ENGINEERING	877-3113	
*	30 BUS 148 RES	16 NEW	

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W VALLEY BLVD 1986

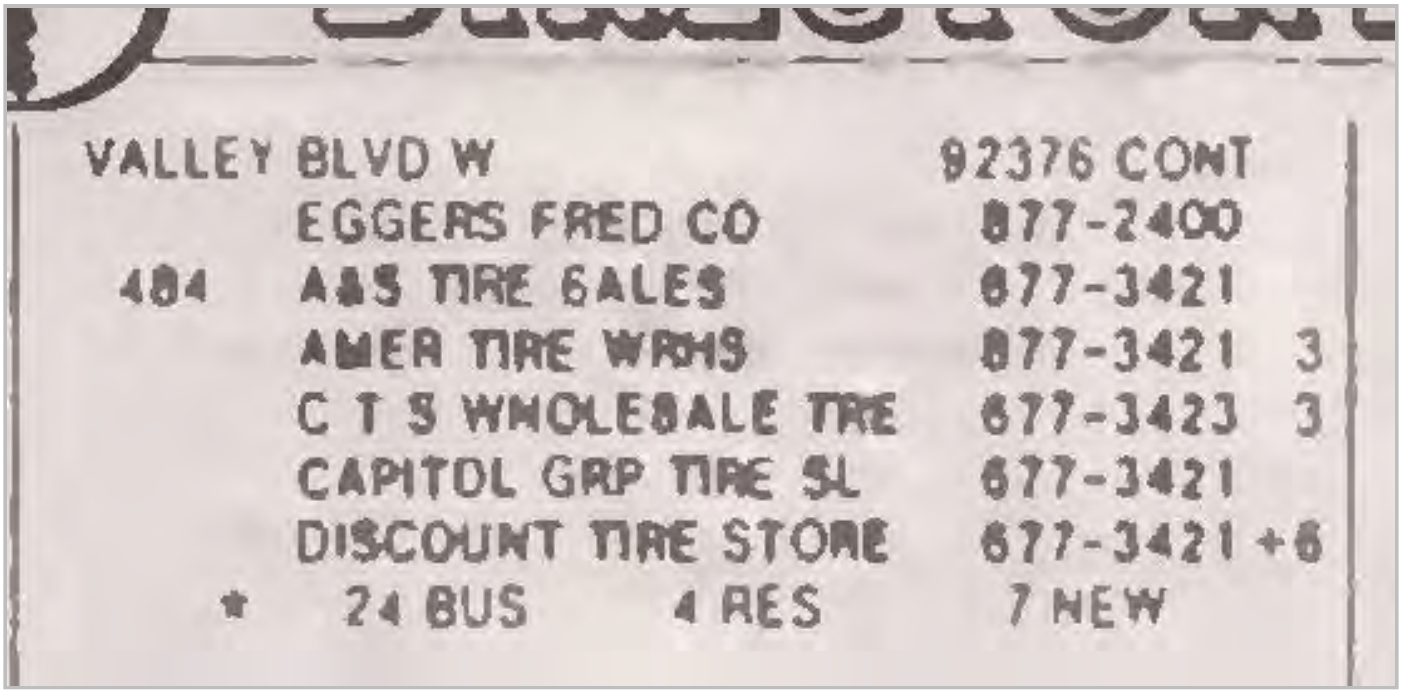
VALLEY BLVD W 92376
RIALTO

111	XXXX	00	
120	REIDS HONDA DOCTOR	877-3770	+8
125	CHAUNCY GEORGE W	877-2209	8
127	BROTHERS B L OVM	877-2364	3
	COX KENNETH R	877-2364	
	SELBY A W	877-2364	
	VALLEY ANIMAL HOSP	877-2364	
135	XXXX	00	
140	NUBBS PAUL J CONSTR	877-2728	
211	XXXX	00	
213	CLEM TRANS INC	877-4450	1
241	XXXX	00	
253	BLUE DIAMOND TRUCK	877-8400	5
285	ABILITY HVY MOVERS	877-2668	
311	WHITING ROLL UP DR	877-012D	+8
350	DOUGLAS TRUCKING CO	877-6361	+8
	F A T EQUIPMNT RNTL	877-6360	2
	THEATRE VISION INC	877-5117	+8
379	TEAMSTERS UNION 467	877-4760	
450	MANUFACTURED CMPNTS	877-3966	+8
	VAMPIRE STAKE CO	877-1052	+8
456	DESERT STEEL&IND	877-5900	9

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W VALLEY BLVD 1986



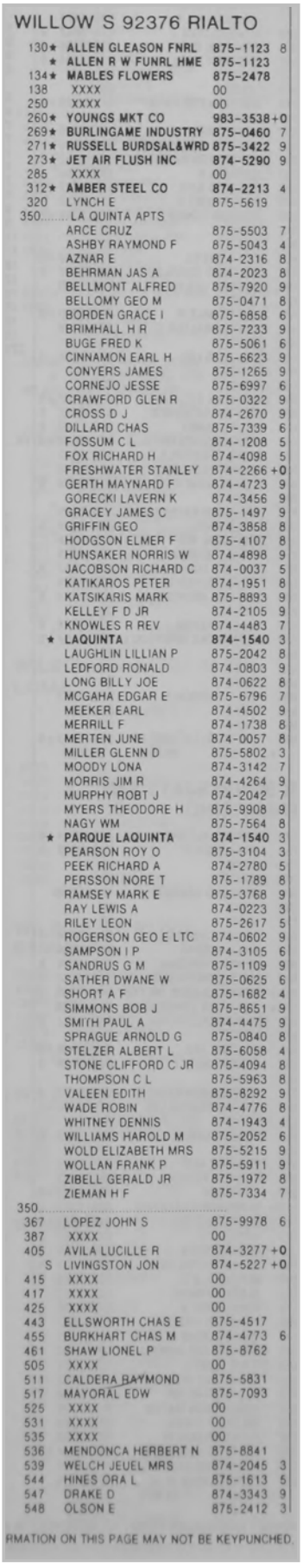
VALLEY BLVD W 92376 CONT

	EGGERS FRED CO	877-2400	
484	A&S TIRE SALES	877-3421	
	AMER TIRE WRHS	877-3421	3
	C T S WHOLESALE TIRE	877-3423	3
	CAPITOL GRP TIRE SL	877-3421	
	DISCOUNT TIRE STORE	877-3421	+6

* 24 BUS 4 RES 7 NEW

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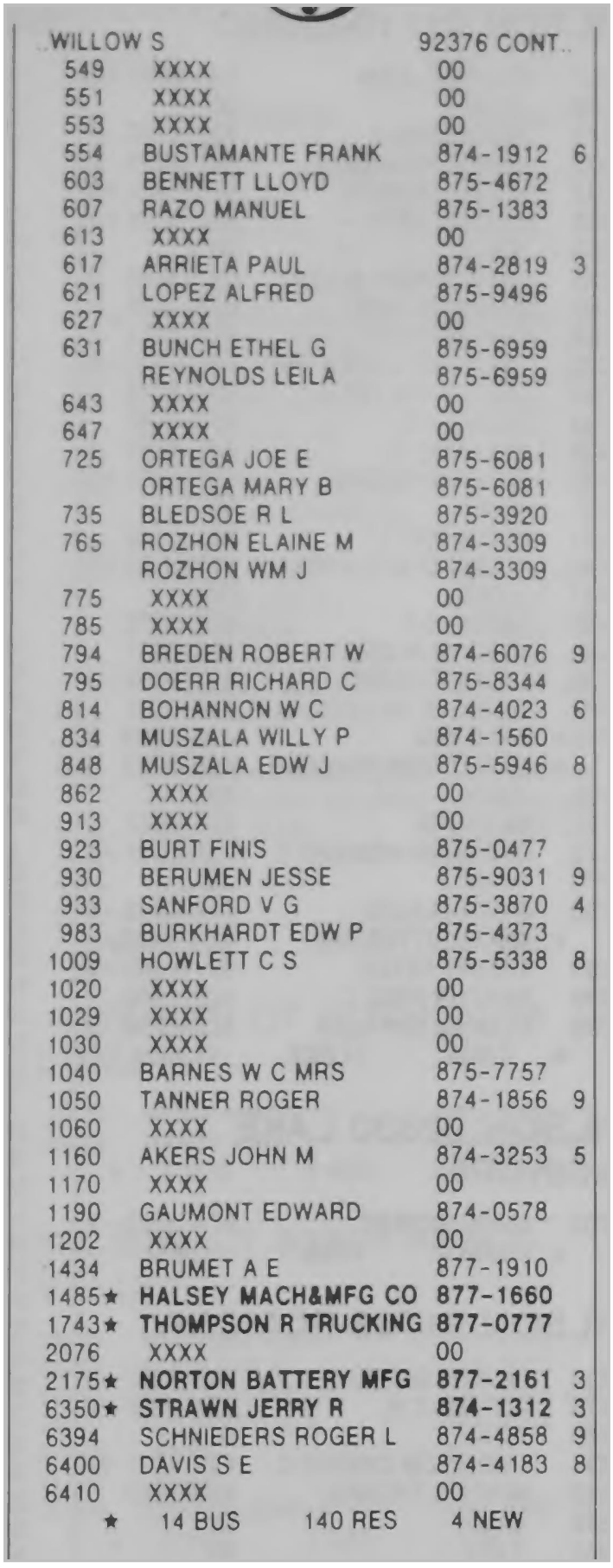
WILLOW S 92376 RIALTO

130★	ALLEN GLEASON FNRL	875-1123	8
★	ALLEN R W FUNRL HME	875-1123	
134★	MABLES FLOWERS	875-2478	
138	XXXX	00	
250	XXXX	00	
260★	YOUNGS MKT CO	983-3538	+0
269★	BURLINGAME INDUSTRY	875-0460	7
271★	RUSSELL BURDSAL&WRD	875-3422	9
273★	JET AIR FLUSH INC	874-5290	9
285	XXXX	00	
312★	AMBER STEEL CO	874-2213	4
320	LYNCH E	875-5619	
350	LA QUINTA APTS		
	ARCE CRUZ	875-5503	7
	ASHBY RAYMOND F	875-5043	4
	AZNAR E	874-2316	8
	BEHRMAN JAS A	874-2023	8
	BELLMONT ALFRED	875-7920	9
	BELLOMY GEO M	875-0471	8
	BORDEN GRACE I	875-6858	6
	BRIMHALL H R	875-7233	9
	BUGE FRED K	875-5061	6
	CINNAMON EARL H	875-6623	9
	CONYERS JAMES	875-1265	9
	CORNEJO JESSE	875-6997	6
	CRAWFORD GLEN R	875-0322	9
	CROSS D J	874-2670	9
	DILLARD CHAS	875-7339	6
	FOSSUM C L	874-1208	5
	FOX RICHARD H	874-4098	5
	FRESHWATER STANLEY	874-2266	+0
	GERTH MAYNARD F	874-4723	9
	GORECKI LAVERN K	874-3456	9
	GRACEY JAMES C	875-1497	9
	GRIFFIN GEO	874-3858	8
	HODGSON ELMER F	875-4107	8
	HUNSAKER NORRIS W	874-4898	9
	JACOBSON RICHARD C	874-0037	5
	KATIKAROS PETER	874-1951	8
	KATSIKARIS MARK	875-8893	9
	KELLEY F D JR	874-2105	9
	KNOWLES R REV	874-4483	7
★	LAQUINTA	874-1540	3
	LAUGHLIN LILLIAN P	875-2042	8
	LEDFORD RONALD	874-0803	9
	LONG BILLY JOE	874-0622	8
	MCGAHA EDGAR E	875-6796	7
	MEEKER EARL	874-4502	9
	MERRILL F	874-1738	8
	MERTEN JUNE	874-0057	8
	MILLER GLENN D	875-5802	3
	MOODY LONA	874-3142	7
	MORRIS JIM R	874-4264	9
	MURPHY ROBT J	874-2042	7
	MYERS THEODORE H	875-9908	9
	NAGY WM	875-7564	8
★	PARQUE LAQUINTA	874-1540	3
	PEARSON ROY O	875-3104	3
	PEEK RICHARD A	874-2780	5
	PERSSON NORE T	875-1789	8
	RAMSEY MARK E	875-3768	9
	RAY LEWIS A	874-0223	3
	RILEY LEON	875-2617	5
	ROGERSON GEO E LTC	874-0602	9
	SAMPSON I P	874-3105	6
	SANDRUS G M	875-1109	9
	SATHER DWANE W	875-0625	6
	SHORT A F	875-1682	4
	SIMMONS BOB J	875-8651	9
	SMITH PAUL A	874-4475	9
	SPRAGUE ARNOLD G	875-0840	8
	STELZER ALBERT L	875-6058	4
	STONE CLIFFORD C JR	875-4094	8
	THOMPSON C L	875-5963	8
	VALEEN EDITH	875-8292	9
	WADE ROBIN	874-4776	8
	WHITNEY DENNIS	874-1943	4
	WILLIAMS HAROLD M	875-2052	6
	WOLD ELIZABETH MRS	875-5215	9
	WOLLAN FRANK P	875-5911	9
	ZIBELL GERALD JR	875-1972	8
	ZIEMAN H F	875-7334	7
350			
367	LOPEZ JOHN S	875-9978	6
387	XXXX	00	
405	AVILA LUCILLE R	874-3277	+0
S	LIVINGSTON JON	874-5227	+0
415	XXXX	00	
417	XXXX	00	
425	XXXX	00	
443	ELLSWORTH CHAS E	875-4517	
455	BURKHART CHAS M	874-4773	6
461	SHAW LIONEL P	875-8762	
505	XXXX	00	
511	CALDERA RAYMOND	875-5831	
517	MAYORAL EDW	875-7093	
525	XXXX	00	
531	XXXX	00	
535	XXXX	00	
536	MENDONCA HERBERT N	875-8841	
539	WELCH JEUEL MRS	874-2045	3
544	HINES ORA L	875-1613	5
547	DRAKE D	874-3343	9
548	OLSON E	875-2412	3

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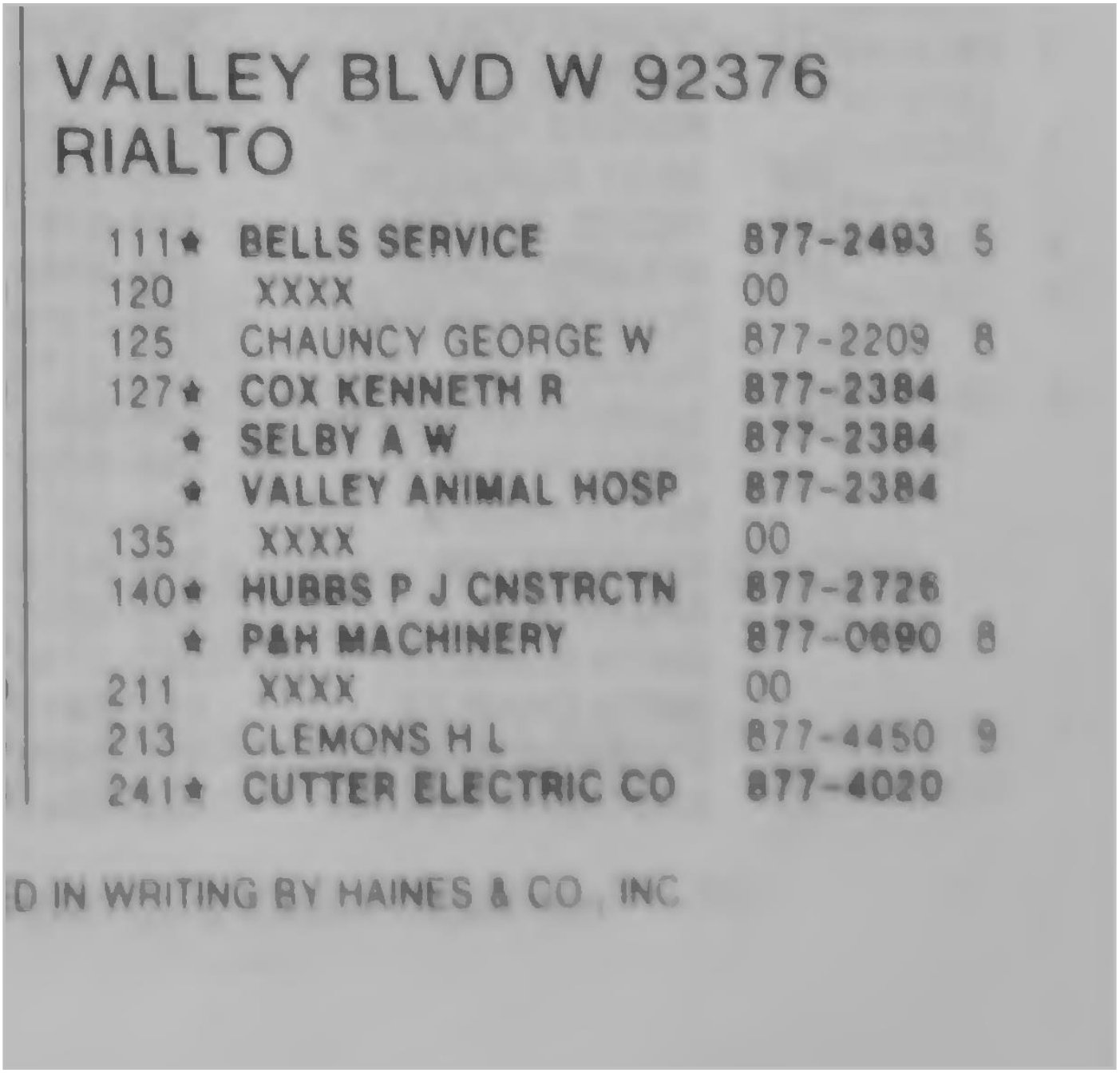
S WILLOW AVE 1980



WILLOW S		92376 CONT..	
549	XXXX	00	
551	XXXX	00	
553	XXXX	00	
554	BUSTAMANTE FRANK	874-1912	6
603	BENNETT LLOYD	875-4672	
607	RAZO MANUEL	875-1383	
613	XXXX	00	
617	ARRIETA PAUL	874-2819	3
621	LOPEZ ALFRED	875-9496	
627	XXXX	00	
631	BUNCH ETHEL G	875-6959	
	REYNOLDS LEILA	875-6959	
643	XXXX	00	
647	XXXX	00	
725	ORTEGA JOE E	875-6081	
	ORTEGA MARY B	875-6081	
735	BLEDSOE R L	875-3920	
765	ROZHON ELAINE M	874-3309	
	ROZHON WM J	874-3309	
775	XXXX	00	
785	XXXX	00	
794	BREDEN ROBERT W	874-6076	9
795	DOERR RICHARD C	875-8344	
814	BOHANNON W C	874-4023	6
834	MUSZALA WILLY P	874-1560	
848	MUSZALA EDW J	875-5946	8
862	XXXX	00	
913	XXXX	00	
923	BURT FINIS	875-0477	
930	BERUMEN JESSE	875-9031	9
933	SANFORD V G	875-3870	4
983	BURKHARDT EDW P	875-4373	
1009	HOWLETT C S	875-5338	8
1020	XXXX	00	
1029	XXXX	00	
1030	XXXX	00	
1040	BARNES W C MRS	875-7757	
1050	TANNER ROGER	874-1856	9
1060	XXXX	00	
1160	AKERS JOHN M	874-3253	5
1170	XXXX	00	
1190	GAUMONT EDWARD	874-0578	
1202	XXXX	00	
1434	BRUMET A E	877-1910	
1485★	**HALSEY MACH&MFG CO**	**877-1660**	
1743★	**THOMPSON R TRUCKING**	**877-0777**	
2076	XXXX	00	
2175★	**NORTON BATTERY MFG**	**877-2161**	3
6350★	**STRAWN JERRY R**	**874-1312**	3
6394	SCHNIEDERS ROGER L	874-4858	9
6400	DAVIS S E	874-4183	8
6410	XXXX	00	
★	14 BUS 140 RES	4 NEW	

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W VALLEY BLVD 1980



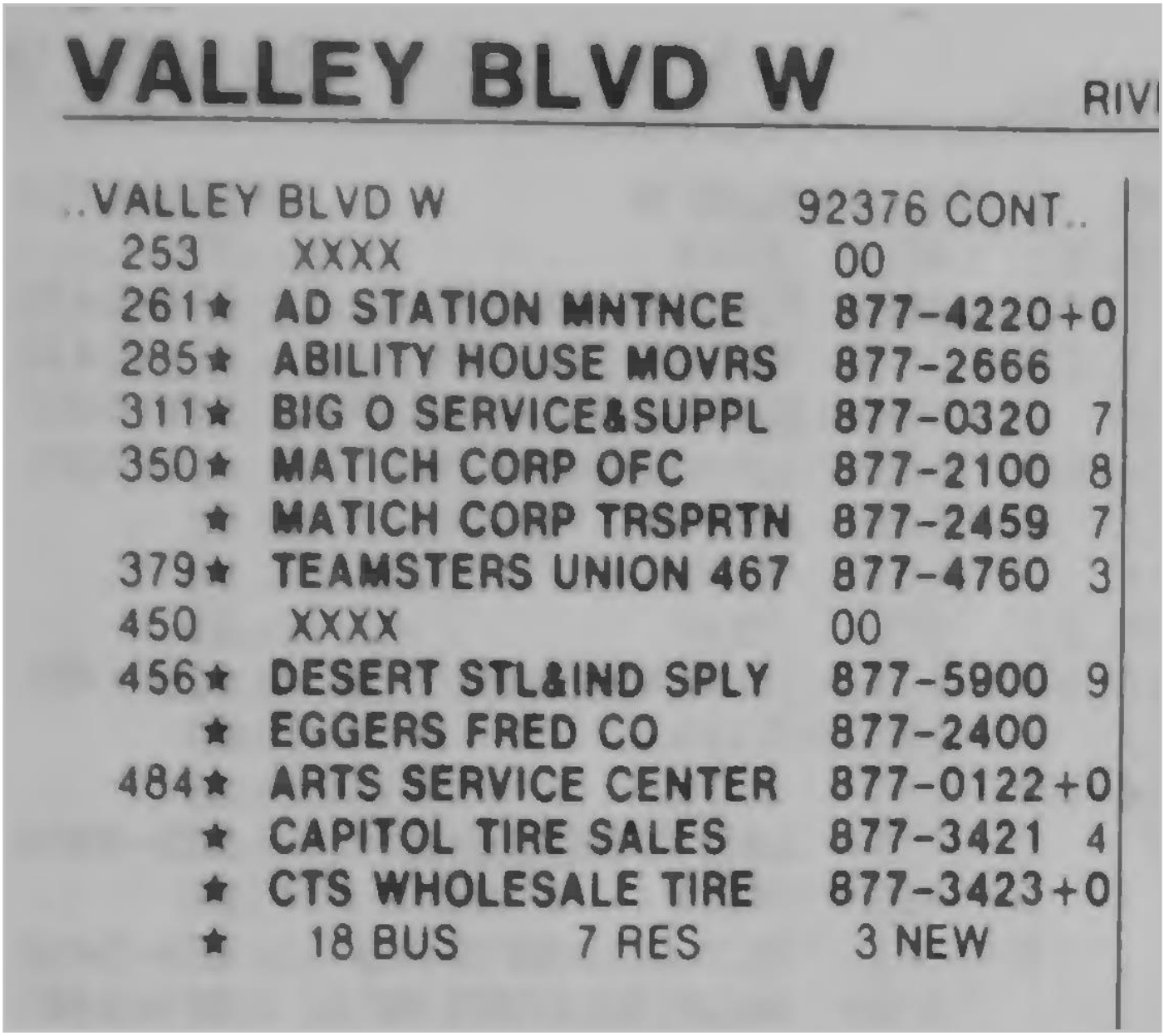
VALLEY BLVD W 92376
RIALTO

111	★ BELLS SERVICE	877-2493	5
120	XXXX	00	
125	CHAUNCY GEORGE W	877-2209	8
127	★ COX KENNETH R	877-2384	
	★ SELBY A W	877-2384	
	★ VALLEY ANIMAL HOSP	877-2384	
135	XXXX	00	
140	★ HUBBS P J CNSTRCTN	877-2726	
	★ P&H MACHINERY	877-0690	8
211	XXXX	00	
213	CLEMONS H L	877-4450	9
241	★ CUTTER ELECTRIC CO	877-4020	

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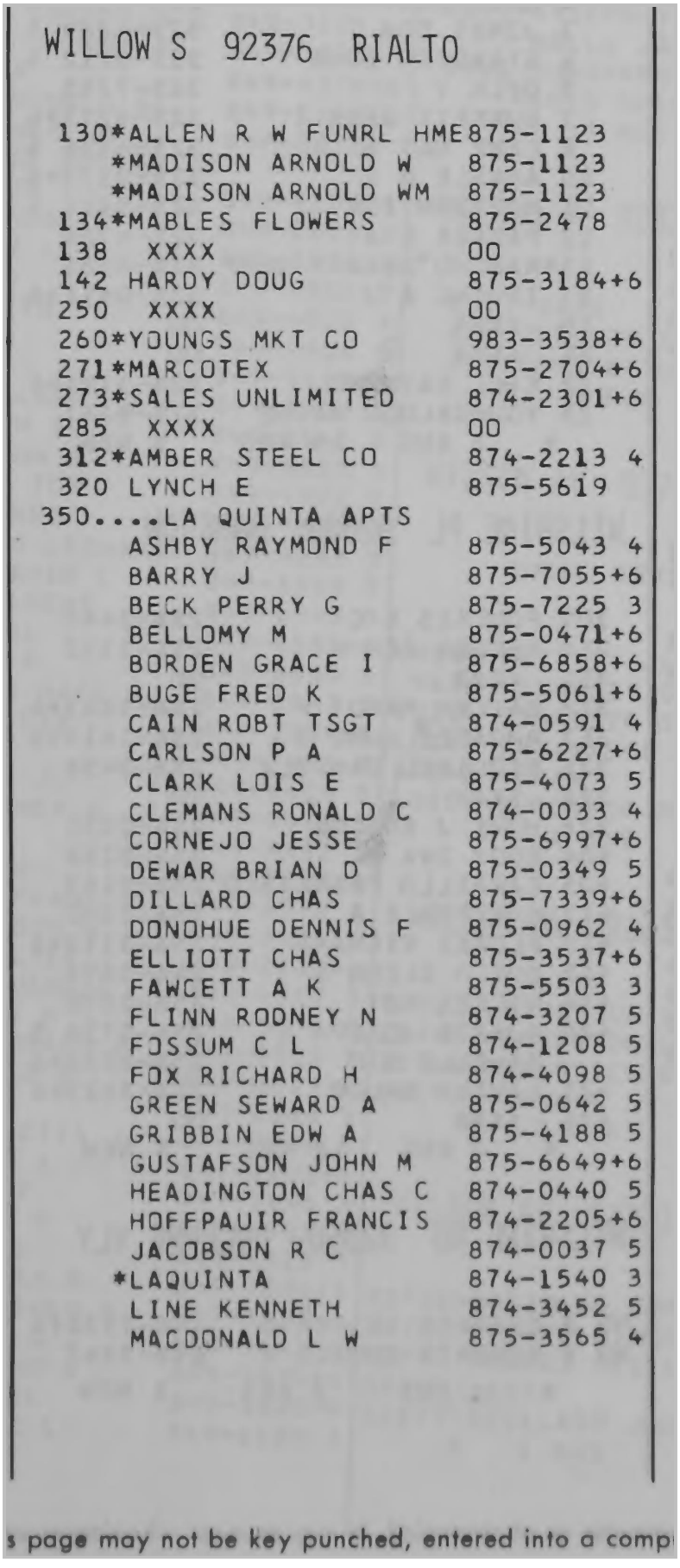


VALLEY BLVD W RIV

..VALLEY BLVD W		92376 CONT..
253	XXXX	00
261★	AD STATION MNTNCE	877-4220+0
285★	ABILITY HOUSE MOVRS	877-2666
311★	BIG O SERVICE&SUPPL	877-0320 7
350★	MATICH CORP OFC	877-2100 8
★	MATICH CORP TRSPRTN	877-2459 7
379★	TEAMSTERS UNION 467	877-4760 3
450	XXXX	00
456★	DESERT STL&IND SPLY	877-5900 9
★	EGGERS FRED CO	877-2400
484★	ARTS SERVICE CENTER	877-0122+0
★	CAPITOL TIRE SALES	877-3421 4
★	CTS WHOLESALE TIRE	877-3423+0
★	18 BUS 7 RES	3 NEW

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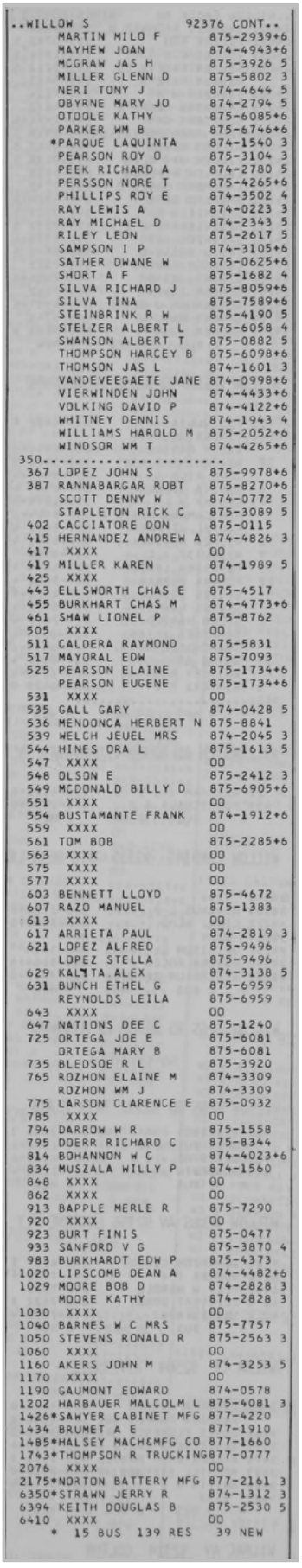
WILLOW S 92376 RIALTO

130	*ALLEN R W FUNRL HME	875-1123
	*MADISON ARNOLD W	875-1123
	*MADISON ARNOLD WM	875-1123
134	*MABLES FLOWERS	875-2478
138	XXXX	00
142	HARDY DOUG	875-3184+6
250	XXXX	00
260	*YOUNGS MKT CO	983-3538+6
271	*MARCOTEX	875-2704+6
273	*SALES UNLIMITED	874-2301+6
285	XXXX	00
312	*AMBER STEEL CO	874-2213 4
320	LYNCH E	875-5619
350	....LA QUINTA APTS	
	ASHBY RAYMOND F	875-5043 4
	BARRY J	875-7055+6
	BECK PERRY G	875-7225 3
	BELLOMY M	875-0471+6
	BORDEN GRACE I	875-6858+6
	BUGE FRED K	875-5061+6
	CAIN ROBT TSGT	874-0591 4
	CARLSON P A	875-6227+6
	CLARK LOIS E	875-4073 5
	CLEMANS RONALD C	874-0033 4
	CORNEJO JESSE	875-6997+6
	DEWAR BRIAN D	875-0349 5
	DILLARD CHAS	875-7339+6
	DONOHUE DENNIS F	875-0962 4
	ELLIOTT CHAS	875-3537+6
	FAWCETT A K	875-5503 3
	FLINN RODNEY N	874-3207 5
	FOSSUM C L	874-1208 5
	FOX RICHARD H	874-4098 5
	GREEN SEWARD A	875-0642 5
	GRIBBIN EDW A	875-4188 5
	GUSTAFSON JOHN M	875-6649+6
	HEADINGTON CHAS C	874-0440 5
	HOFFPAUIR FRANCIS	874-2205+6
	JACOBSON R C	874-0037 5
	*LAQUINTA	874-1540 3
	LINE KENNETH	874-3452 5
	MACDONALD L W	875-3565 4

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..WILLOW S 92376 CONT..
MARTIN MILO F 875-2939+6
MAYHEW JOAN 874-4943+6
MCGRAW JAS H 875-3926 5
MILLER GLENN D 875-5802 3
NERI TONY J 874-4644 5
OBYRNE MARY JO 874-2794 5
OTOOLE KATHY 875-6085+6
PARKER WM B 875-6746+6
*PARQUE LAQUINTA 874-1540 3
PEARSON ROY O 875-3104 3
PEEK RICHARD A 874-2780 5
PERSSON NORE T 875-4265+6
PHILLIPS ROY E 874-3502 4
RAY LEWIS A 874-0223 3
RAY MICHAEL D 874-2343 5
RILEY LEON 875-2617 5
SAMPSON I P 874-3105+6
SATHER DWANE W 875-0625+6
SHORT A F 875-1682 4
SILVA RICHARD J 875-8059+6
SILVA TINA 875-7589+6
STEINBRINK R W 875-4190 5
STELZER ALBERT L 875-6058 4
SWANSON ALBERT T 875-0882 5
THOMPSON HARCEY B 875-6098+6
THOMSON JAS L 874-1601 3
VANDEVEEGAETE JANE 874-0998+6
VIERWINDEN JOHN 874-4433+6
VOLKING DAVID P 874-4122+6
WHITNEY DENNIS 874-1943 4
WILLIAMS HAROLD M 875-2052+6
WINDSOR WM T 874-4265+6
350.....
367 LOPEZ JOHN S 875-9978+6
387 RANNABARGAR ROBT 875-8270+6
SCOTT DENNY W 874-0772 5
STAPLETON RICK C 875-3089 5
402 CACCIATORE DON 875-0115
415 HERNANDEZ ANDREW A 874-4826 3
417 XXXX OO
419 MILLER KAREN 874-1989 5
425 XXXX OO
443 ELLSWORTH CHAS E 875-4517
455 BURKHART CHAS M 874-4773+6
461 SHAW LIONEL P 875-8762
505 XXXX OO
511 CALDERA RAYMOND 875-5831
517 MAYORAL EDW 875-7093
525 PEARSON ELAINE 875-1734+6
PEARSON EUGENE 875-1734+6
531 XXXX OO
535 GALL GARY 874-0428 5
536 MENDONCA HERBERT N 875-8841
539 WELCH JEUEL MRS 874-2045 3
544 HINES ORA L 875-1613 5
547 XXXX OO
548 OLSON E 875-2412 3
549 MCDONALD BILLY D 875-6905+6
551 XXXX OO
554 BUSTAMANTE FRANK 874-1912+6
559 XXXX OO
561 TOM BOB 875-2285+6
563 XXXX OO
575 XXXX OO
577 XXXX OO
603 BENNETT LLOYD 875-4672
607 RAZO MANUEL 875-1383
613 XXXX OO
617 ARRIETA PAUL 874-2819 3
621 LOPEZ ALFRED 875-9496
LOPEZ STELLA 875-9496
629 KALTTA ALEX 874-3138 5
631 BUNCH ETHEL G 875-6959
REYNOLDS LEILA 875-6959
643 XXXX OO
647 NATIONS DEE C 875-1240
725 ORTEGA JOE E 875-6081
ORTEGA MARY B 875-6081
735 BLEDSOE R L 875-3920
765 ROZHON ELAINE M 874-3309
ROZHON WM J 874-3309
775 LARSON CLARENCE E 875-0932
785 XXXX OO
794 DARROW W R 875-1558
795 DOERR RICHARD C 875-8344
814 BOHANNON W C 874-4023+6
834 MUSZALA WILLY P 874-1560
848 XXXX OO
862 XXXX OO
913 BAPPLE MERLE R 875-7290
920 XXXX OO
923 BURT FINIS 875-0477
933 SANFORD V G 875-3870 4
983 BURKHARDT EDW P 875-4373
1020 LIPSCOMB DEAN A 874-4482+6
1029 MOORE BOB D 874-2828 3
MOORE KATHY 874-2828 3
1030 XXXX OO
1040 BARNES W C MRS 875-7757
1050 STEVENS RONALD R 875-2563 3
1060 XXXX OO
1160 AKERS JOHN M 874-3253 5
1170 XXXX OO
1190 GAUMONT EDWARD 874-0578
1202 HARBAUER MALCOLM L 875-4081 3
1426*SAWYER CABINET MFG 877-4220
1434 BRUMET A E 877-1910
1485*HALSEY MACH&MFG CO 877-1660
1743*THOMPSON R TRUCKING 877-0777
2076 XXXX OO
2175*NORTON BATTERY MFG 877-2161 3
6350*STRAWN JERRY R 874-1312 3
6394 KEITH DOUGLAS B 875-2530 5
6410 XXXX OO
* 15 BUS 139 RES 39 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W VALLEY BLVD 1976

VALLEY BLVD W 92376 RIALTO

111*BELLS GULF SERVICE 877-2493 5
*GULF OIL SERV STNS 877-2493+6
120 XXXX OO
127 COX KENNETH R 877-2384
*SELBY A W 877-2384
*VALLEY ANIMAL HOSP 877-2384
135 COWAN NORMAN 877-1905
140*DYELL MIKE MACH SHP877-4101
*HUBBS P J CNSTRCTN 877-2726
211 XXXX OO
213 XXXX OO
241*CUTTER ELECTRIC CO 877-4020
253 XXXX OO
261*CONCRETE CORING CO 877-0114+6
285*ABILITY HOUSE MOVRS877-2666
*THOMPSON HOUSE MVRS877-2666
311*CASE ART MFG CO 877-5500+6
350*MATICH CORPORATION 877-2100+6
379*TEAMSTERS UNION 467877-4760 3
456*ALFREIGHT DIV 877-3520 4
*EGGERS FRED CO 877-2400
*MYERS L E CO THE 877-5050+6
484*CAPITOL TIRE SALES 877-3421 4
* 17 BUS 6 RES 5 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

S WILLOW AVE 1971

WILLOW S 92376 RIALTO

130	*ALLEN R W FUNRL HME	875-1123
	*MADISON ARNOLD W	875-1123
	*MADISON ARNOLD WM	875-1123
134	*CLARK VAN M	875-2478
	*MABLES FLOWERS	875-2478
138	MCCORD ALFORD RAY	875-4110
260	*YOUNGS MKT CO	875-3940
285	*ACME REBUILDING	875-4200
	*SOUTHWESTRN C A T V	874-3122
320	LYNCH F	875-5619
350	PARQUE LAQUINTA	874-1540
387	BUSHNELL RONALD D	875-2550
	CLARK STEVE	874-1323
	STANSBURY HELENE J	874-4768
402	CACCIATORE DON	875-0115
415	MCGREGOR GEO L	875-9628
425	WHITE GLEN R	875-8225
443	ELLSWORTH CHAS E	875-4517
455	SHULTZ C A	875-0483
	SHULTZ J L	875-0483
461	SHAW LIONEL P	875-8762
	SHAW PAULINE E	875-8762
505	DURAN DANL C	875-8952
511	CALDERA RAYMOND	875-5831
517	MAYORAL EDW	875-7093
531	KEENE NORA LEE	875-6995
536	MENDONCA HERBERT N	875-8841
547	WILBER RUTH M	875-5084
548	OLSON ELSIE	875-2412
551	FORD ILANE	874-2821
553	FRISTROM HAROLD	875-4992
	FRISTROM MARY	875-4992
554	MARCHAL RICHARD	875-3193
	MARCHAL SUSAN	875-3193
559	WEST DIANA	874-3987
	WEST JOE H	874-3987
565	MAVITY DAVID CHAS	874-4238
571	HAMILTON ANNIE L	875-1816
573	WATSON BILL A 2D	874-0794
575	SACHS JADENE	875-0498
577	ROWE DENNIS M	875-7758
	ROWE PATRICIA M	875-7758
603	BENNETT LLOYD	875-4672
607	RAZO MANUEL	875-1383
613	MENDOZA LUCY	874-3838
617	ARRIETA SUSAN	875-8045
621	LOPEZ ALFRED	875-9496
	LOPEZ STELLA	875-9496
631	BUNCH ETHEL G	875-6959
	REYNOLDS LEILA	875-6959
	STEWART MABEL G	875-6959
643	BETOR DIANA	874-0247
	BETOR SHEILA	874-0247
647	NATIONS DEE C	875-1240
725	ORTEGA JOE E	875-6081
	ORTEGA MARY B	875-6081
735	BLEDSOE R L	875-3920
765	ROZMON ELAINE M	874-3309
	ROZMON WM J	874-3309
775	LARSON CLARENCE E	875-0932
785	BROWN CLARENCE	875-6886
794	DARROW W R	875-1558
795	DOERR RICHARD C	875-8344
834	MUSZALA WILLY P	874-1560
848	MUSZALA EDW J	875-5946
862	VALENTINE G M	874-0274
913	BAPPLE MERLE R	875-7290
920	SCHAEFER C A	875-1563
923	BURT FINIS	875-0477
933	SANFORD VELMA G	875-3870
983	BURKHAROT EDW P	875-4373
1020	JACKSON JOHN J	874-4285
1029	MEYER GEO W	874-1566
	MEYER MARY L	874-1566
1040	BARNES W C MRS	875-7757
1060	SCHOONOVER WM	874-1389
1070	CRAIG JIMMIE	875-4883
1170	DORRANCE CHAS	875-0797
1190	GAUMONT EDWARD	874-0578
1202	OLVERA RUSA	874-3452
	OLVERA TONY	874-3452
1426	*S&S ENTERPRISES	877-4430
	*SAWYER CABINET MFG	877-4220
1434	BRUMET A E	877-1910
1485	*HALSEY MACH&MFG CO	877-1660
1743	*THOMPSON R TRUCKING	877-0777
2076	*VALLEY ENGINEERING	783-0633
	*VALLEY ENGINEERING	877-3113
	* 14 BUS 74 RES	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W VALLEY BLVD 1971

VALLEY BLVD W 92376 RIALTO

111	*OEANS GULF SRV	877-9852
120	*OUANES TEXACO SERV	877-3263
	*U HAUL COMPANY OLRS	877-3263
127	COX KENNETH R	877-2384
	*SELBY A W	877-2384
	*VALLEY ANIMAL HOSP	877-2384
135	COWAN NORMAN	877-1905
140	*DYELL MIKE MACH SHP	877-4101
	*HUBBS JESSE&SONS	877-1574
	*HUBBS P J CNSTRCTN	877-2726
213	*BROTHERS JACK CONTR	877-1342
	*BROTHERS JACK CONTR	877-1655
	*LEISURE PRODUCTS	877-1163
241	*CUTTER ELECTRIC CO	877-4020
	*RIALTO STORAGE	877-4022
253	*HUGOS GARAGE	877-4650
	*RIALTO FRAMERS	877-1831
285	*ABILITY HOUSE MOVRS	877-2666
	*THOMPSON HOUSE MVRS	877-2666
311	*KINDER MFG CO INC	877-0942
350	*MATICH BROS	877-2100
	*MATICH TRNSPRTATN	877-2459
456	*EGGERS FRED CO	877-2400
	*INLAND ENGINEERS	877-0611
	* 22 BUS 2 RES	

1743 S Willow Ave
1743 S Willow Ave
Rialto, CA 92376

Inquiry Number: 6787826.2s
December 14, 2021

EDR Summary Radius Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1743 S WILLOW AVE
RIALTO, CA 92376

COORDINATES

Latitude (North):	34.0692270 - 34ˆ 4' 9.21''
Longitude (West):	117.3737830 - 117ˆ 22' 25.61''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	465509.1
UTM Y (Meters):	3769700.2
Elevation:	1057 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	U.S. Geological Survey

Target Property:	W
Source:	U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140603
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1743 S WILLOW AVE
RIALTO, CA 92376

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	R THOMPSON TRUCKING	1743 S WILLOW	CA SWEEPS UST, CA FID UST		TP
A2	TIMS MOBIL TRUCK REP	1743 S WILLOW AVE	CA HWTS		TP
A3	JV MOTORSPORTS	1743 S. WILLOW AVE.	CA HAZNET, CA HWTS		TP
A4	1X THOMPSON, INEZ	1743 SOUTH WILLOW	CA HAZNET, CA HWTS		TP
B5	CLEM TRANS INC	213 W VALLEY BLVD.	FINDS	Higher	1 ft.
B6	CLEM TRANS INC	213 W VALLEY BLVD.	CA LUST, CA HIST UST, CA Cortese, CA San Bern. Co....	Higher	1 ft.
B7	CLEM TRANS INC	213 WEST VALLEY BLVD	CA RGA LUST	Higher	1 ft.
B8	CLEM TRANS INC	213 W VALLEY BLVD.	CA RGA LUST	Higher	1 ft.
B9	CLEMONS, G.	213 W VALLEY BLVD	CA SWEEPS UST, CA FID UST	Higher	1 ft.
B10	CLEM-TRANS INC	213 WEST VALLEY BOUL	CA HIST UST	Higher	1 ft.
11	ABILITY HEAVY MOVERS	285 W VALLEY BLVD	CA SWEEPS UST, CA FID UST	Higher	29, 0.005, NNW
C12	CLEM TRANS INC	213 VALLEY BLVD.	CA LUST	Higher	57, 0.011, NNE
C13	I-10 TRUCK STOP	195 VALLEY BOULEVARD	CA LUST, CA Cortese, CA CERS	Higher	120, 0.023, NE
D14	WHITING DOOR MFG COR	311 W VALLEY BLVD	RCRA-SQG, CA HAZNET, CA HWTS	Higher	145, 0.027, WNW
D15	WHITING DOOR MFG COR	311 W VALLEY BLVD	RCRA-SQG, CA EMI, CA HAZNET, CA San Bern. Co....	Higher	145, 0.027, WNW
E16	HOMETOWN BUFFET #753	127 W VALLEY BLVD	CA San Bern. Co. Permit	Higher	285, 0.054, ENE
F17	DOUGLAS TRUCKING	350 W VALLEY BLVD	TX Ind. Haz Waste	Higher	312, 0.059, NW
F18	FAT EQUIP RENTAL INC	350 W VALLEY BLVD	CA SWEEPS UST, CA FID UST	Higher	312, 0.059, NW
F19	SQUARE TRANSPORTATIO	350 W VALLEY BLVD	RCRA NonGen / NLR	Higher	312, 0.059, NW
F20	SQUARE TRANSPORTATIO	350 W VALLEY BLVD	CA San Bern. Co. Permit	Higher	312, 0.059, NW
F21	RRL DIESEL REPAIR SH	350 W VALLEY BLVD	RCRA NonGen / NLR	Higher	312, 0.059, NW
F22	BELCO TRANSPORT, INC	350 W VALLEY BLVD	RCRA NonGen / NLR	Higher	312, 0.059, NW
G23	FED EX	280 W VALLEY BLVD	CA FID UST, CA HAZNET, CA CIWQS, CA HWTS	Higher	324, 0.061, North
G24	GOODFELLOW CORP CA	280 W VALLEY BLVD	RCRA NonGen / NLR	Higher	324, 0.061, North
G25	FEDERAL EXPRESS CORP	280 W VALLEY BLVD	CA UST, CA SWEEPS UST, CA WDS	Higher	324, 0.061, North
G26	FEDERAL EXPRESS CORP	280 W VALLEY BLVD	CA San Bern. Co. Permit	Higher	324, 0.061, North
E27	PAUL HUBBS CONSTRUCT	140 WEST VALLEY BLVD	CA HIST UST	Higher	331, 0.063, NE
E28	PAUL HUBBS CONSTRUCT	140 W VALLEY BLVD	CA HIST UST	Higher	331, 0.063, NE
E29	PAUL HUBBS CONSTRUCT	140 W VALLEY BLVD	CA SWEEPS UST, CA FID UST, CA EMI	Higher	331, 0.063, NE
F30	ORION FLOORING, INC	363 W VALLEY BLVD	RCRA NonGen / NLR	Higher	504, 0.095, WNW
E31	THRIFTY OIL #323/ AR	111 VALLEY BLVD	CA LUST	Higher	560, 0.106, ENE
H32	ARCO FACILITY NO 096	111 W VALLEY BLVD	RCRA-SQG, FINDS, ECHO	Higher	573, 0.109, ENE
H33	SPEEDWAY NO. 3975 (U	111 W VALLEY BLVD	CA LUST, CA CERS HAZ WASTE, CA SWEEPS UST, CA FID...	Higher	573, 0.109, ENE
H34	SPEEDWAY NO. 3975 (U	111 W VALLEY BLVD	CA UST	Higher	573, 0.109, ENE
H35	ARCO STN 323	111 W VALLEY	CA HIST UST	Higher	573, 0.109, ENE
H36	THRIFTY OIL 323	111 W VALLEY BLVD	EDR Hist Auto	Higher	573, 0.109, ENE
H37	SPEEDWAY #3975	111 W VALLEY BLVD	RCRA NonGen / NLR	Higher	573, 0.109, ENE
H38	TESORO REFINING & MA	111 W VALLEY BLVD	RCRA NonGen / NLR	Higher	573, 0.109, ENE
H39	ARCO #9695	111 W VALLEY BLVD	CA UST	Higher	573, 0.109, ENE

MAPPED SITES SUMMARY

Target Property Address:
1743 S WILLOW AVE
RIALTO, CA 92376

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E40	TEXACO SERVICE STATI	120 VALLEY BLVD	CA LUST, CA HIST CORTESE	Higher	575, 0.109, ENE
H41	TEXACO SERVICE STATI	120 W VALLEY BLVD	CA LUST, CA Cortese, CA CERS	Higher	632, 0.120, NE
H42	VICS TEXACO SERVICE	120 W VALEY	EDR Hist Auto	Higher	632, 0.120, NE
H43	RIALTO, CITY OF (TEX	102 VALLEY	CA LUST, CA HIST CORTESE	Higher	668, 0.127, ENE
H44	CHEVRON #9-6969	101 VALLEY BLVD	CA LUST	Higher	668, 0.127, ENE
I45	GRAY / ICE BUILDERS	1610 S. RIVERSIDE DR	RCRA NonGen / NLR	Higher	821, 0.155, NE
I46	WALMART #1862	1610 S RIVERSIDE AVE	CA AST, CA HAZNET, CA HWTS	Higher	821, 0.155, NE
I47	WAL-MART STORE #1862	1610 S. RIVERSIDE AV	CA AST	Higher	821, 0.155, NE
I48	WAL-MART #1862	1610 SOUTH RIVERSIDE	RCRA-LQG	Higher	821, 0.155, NE
I49	AUTOZONE 5214	1610 S RIVERSIDE AVE	RCRA NonGen / NLR	Higher	821, 0.155, NE
I50	WALMART #1862	1610 S RIVERSIDE AVE	RCRA NonGen / NLR	Higher	821, 0.155, NE
I51	DD'S DISCOUNT #5398	1610 S RIVERSIDE AVE	RCRA NonGen / NLR	Higher	821, 0.155, NE
I52	WAL-MART STORE 1862	1610 S RIVERSIDE AVE	CA CERS HAZ WASTE, CA San Bern. Co. Permit, CA...	Higher	821, 0.155, NE
H53	CHEVRON STATION #696	101 E VALLEY BLVD	CA UST	Higher	849, 0.161, ENE
H54	CHEVRON 96969	101 E VALLEY BLVD	CA CERS HAZ WASTE, CA CERS TANKS, CA FID UST, CA...	Higher	849, 0.161, ENE
H55	CHEVRON STATION #696	101 E VALLEY BLVD	CA SWEEPS UST	Higher	849, 0.161, ENE
H56	CHEVRON STATION #969	101 E VALLEY BLVD	CA UST	Higher	849, 0.161, ENE
H57	96969	101 E VALLEY BLVD	CA LUST, CA HIST UST, CA Cortese, CA CERS	Higher	849, 0.161, ENE
H58	CHEVRON NO 96969	101 E VALLEY BLVD	RCRA-SQG	Higher	849, 0.161, ENE
H59	CHEVRON STATION NO 9	101 E VALLEY BLVD	RCRA-SQG, FINDS, ECHO, CA HAZNET	Higher	849, 0.161, ENE
J60	J.A.C.K DIESEL REPAI	450 W VALLEY BLVD	RCRA NonGen / NLR	Higher	904, 0.171, WNW
J61	G N S TRUCK & TRAILE	450 W VALLEY	CA CERS HAZ WASTE, CA CERS TANKS, CA HAZNET, CA...	Higher	904, 0.171, WNW
J62	J.A.C.K DIESEL REPAI	450 W VALLEY BLVD	CA HAZNET, CA San Bern. Co. Permit, CA HWTS	Higher	904, 0.171, WNW
J63	J.A.C.K. DIESEL REPA	450 W VALLEY BLVD	CA AST	Higher	904, 0.171, WNW
J64	STEEL UNLIMITED INC	452 W VALLEY BLVD	RCRA NonGen / NLR	Higher	913, 0.173, WNW
J65	STEEL UNLIMITED INC	452 W VALLEY BLVD	CA CERS HAZ WASTE, CA HAZNET, CA NPDES, CA San...	Higher	913, 0.173, WNW
J66	STEEL UNLIMITED INC	452 W VALLEY BLVD	RCRA-LQG, CA HAZNET, CA HWTS	Higher	913, 0.173, WNW
K67	JUST GAS INC	102 E VALLEY BLVD	CA SWEEPS UST, CA FID UST	Higher	1033, 0.196, ENE
K68	RIALTO, CITY OF (TEX	102 E VALLEY BLVD	CA LUST, CA Cortese, CA CERS	Higher	1033, 0.196, ENE
K69	TEXACO	102 E VALLEY BLVD	CA HIST UST	Higher	1033, 0.196, ENE
K70	MIDAS OF RIALTO LLC	110 E VALLEY BLVD	CA CERS HAZ WASTE, CA San Bern. Co. Permit, CA...	Higher	1037, 0.196, ENE
K71	ATV INC AMERICAN TIR	110 E VALLEY BLVD	RCRA NonGen / NLR	Higher	1037, 0.196, ENE
J72	IE MENESES INC DBA Q	476 W VALLEY BLVD	RCRA NonGen / NLR	Higher	1090, 0.206, WNW
L73	P & S TRUCK CENTER	161 E VALLEY BLVD	CA CERS HAZ WASTE, CA SWEEPS UST, CA HIST UST, CA...	Higher	1103, 0.209, East
L74	P & S TRUCK CENTER	161 E VALLEY BLVD	RCRA NonGen / NLR	Higher	1103, 0.209, East
J75	PEP BOYS STORE#1669	484 W VALLEY BLVD	RCRA NonGen / NLR	Higher	1111, 0.210, WNW
J76	DISCOUNT TIRE CENTER	484 W VALLEY BLVD	CA San Bern. Co. Permit	Higher	1111, 0.210, WNW
J77	PEP BOYS #1669	484 W VALLEY BLVD	CA CERS HAZ WASTE, CA San Bern. Co. Permit, CA...	Higher	1111, 0.210, WNW
J78	PEP BOYS #1669	484 W VALLEY RD	RCRA-VSQG	Higher	1111, 0.210, WNW

MAPPED SITES SUMMARY

Target Property Address:
1743 S WILLOW AVE
RIALTO, CA 92376

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
79	VERIZON WIRELESS: RI	1531 S WILLOW AVE	CA San Bern. Co. Permit, CA CERS	Higher	1121, 0.212, North
K80	CLUTCH MASTERS INDUS	267 E VALLEY BLVD	CA CERS HAZ WASTE, CA NPDES, CA San Bern. Co....	Higher	1254, 0.237, ENE
K81	CLUTCH MASTERS IND.	267 E VALLEY BL	RCRA NonGen / NLR	Higher	1254, 0.237, ENE
82	DOOR COMPANY OF SAN	1591 SOUTH LILAC AVE	CA SWEEPS UST, CA HIST UST	Higher	1271, 0.241, NW
L83	10-10 TRUCK STOP	195 E VALLEY RIALTO	CA SWEEPS UST	Higher	1294, 0.245, East
L84	I-10 TRUCK STOP	195 E VALLEY BLVD	CA CERS HAZ WASTE, CA CERS TANKS, CA HAZNET, CA...	Higher	1294, 0.245, East
L85	10-10 TRUCK STOP	195 E VALLEY RIALTO	CA FID UST	Higher	1294, 0.245, East
L86	I 10 TRUCK STOP	195 E VALLEY BLVD	RCRA NonGen / NLR	Higher	1294, 0.245, East
L87	10-10 TRUCK STOP	195 E VALLEY RIALTO	CA HIST UST	Higher	1294, 0.245, East
L88	I-10 TRUCK STOP	195 E VALLEY BLVD	CA UST	Higher	1294, 0.245, East
M89	W C BROWN WELDING IN	1485 S WILLOW AVE	CA CPS-SLIC, CA SWEEPS UST, CA FID UST, CA San...	Higher	1515, 0.287, North
M90	WDLJ SOUTH PROPERTY	1485 SOUTH WILLOW ST	CA ENVIROSTOR	Higher	1515, 0.287, North
91	I-10 TRUCK STOP	195 E VALLEY BLVD	CA LUST, CA SWEEPS UST, CA Cortese, CA San Bern....	Higher	1548, 0.293, ENE
92	SOUTHERN PACIFIC RAI	200 MARION WAY	CA LUST, CA Toxic Pits, CA SWEEPS UST, CA Cortese,...	Lower	2042, 0.387, SE
93	TELCO FOODS	2111 VALLEY BOULEVAR	CA LUST, CA Cortese, CA CERS	Higher	2278, 0.431, ENE
94	CACTUS MIDDLE SCHOOL	VALLEY BOULEVARD/CAC	CA ENVIROSTOR, CA SCH, CA CERS	Higher	2660, 0.504, West
95	CACTUS ELEMENTARY SC	10050 CACTUS AVENUE	CA ENVIROSTOR, CA SCH, CA CERS	Higher	2765, 0.524, WNW
96	HAZMAT TSDF INC, FOR	180 WEST MONTE AVENU	CORRACTS, RCRA-SQG, CA ENVIROSTOR, US FIN ASSUR,..	Lower	2875, 0.545, South
97	FONTANA PLATING FACI	130 WEST MINDANAO ST	CA ENVIROSTOR, CA VCP, CA HAZNET, CA HWTS	Lower	3250, 0.616, SSE
98	SOUTHERN PACIFIC TRA	19100 SLOVER AVENUE	CA ENVIROSTOR, CA CHMIRS	Lower	4601, 0.871, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
R THOMPSON TRUCKING 1743 S WILLOW RIALTO, CA 92376	CA SWEEPS UST Status: A Tank Status: A Comp Number: 10188 CA FID UST Facility Id: 36005016 Status: A	N/A
TIMS MOBIL TRUCK REP 1743 S WILLOW AVE RIALTO, CA 92376	CA HWTS	N/A
JV MOTORSPORTS 1743 S. WILLOW AVE. RIALTO, CA 92376	CA HAZNET GEPAID: CAC002821744 CA HWTS	N/A
1X THOMPSON, INEZ 1743 SOUTH WILLOW RIALTO, CA 92376	CA HAZNET GEPAID: CAC000292609 CA HWTS	N/A

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: A review of the CORRACTS list, as provided by EDR, and dated 09/13/2021 has revealed that

there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAZMAT TSDF INC, FOR EPA ID:: CAD982444481	***180 WEST MONTE AVENU***	***S 1/2 - 1 (0.545 mi.)***	***96***	***33***

Lists of Federal RCRA generators

RCRA-LQG: A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAL-MART #1862 EPA ID:: CAL000098423	1610 SOUTH RIVERSIDE	NE 1/8 - 1/4 (0.155 mi.)	I48	20
STEEL UNLIMITED INC EPA ID:: CAR000197202	***452 W VALLEY BLVD***	***WNW 1/8 - 1/4 (0.173 mi.)***	***J66***	***25***

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WHITING DOOR MFG COR EPA ID:: CAD982493231	***311 W VALLEY BLVD***	***WNW 0 - 1/8 (0.027 mi.)***	***D14***	***12***
WHITING DOOR MFG COR EPA ID:: CAD982493553	***311 W VALLEY BLVD***	***WNW 0 - 1/8 (0.027 mi.)***	***D15***	***12***
ARCO FACILITY NO 096 EPA ID:: CAR000104000	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H32***	***16***
CHEVRON NO 96969 EPA ID:: CAP000067413	101 E VALLEY BLVD	ENE 1/8 - 1/4 (0.161 mi.)	H58	22
CHEVRON STATION NO 9 EPA ID:: CAR000118208	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H59***	***23***

RCRA-VSQG: A review of the RCRA-VSQG list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEP BOYS #1669 EPA ID:: CAR000275180	484 W VALLEY RD	WNW 1/8 - 1/4 (0.210 mi.)	J78	28

EXECUTIVE SUMMARY

Lists of state- and tribal hazardous waste facilities

CA ENVIROSTOR: A review of the CA ENVIROSTOR list, as provided by EDR, and dated 07/22/2021 has revealed that there are 6 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WDLJ SOUTH PROPERTY Facility Id: 60001766 Status: No Action Required	1485 SOUTH WILLOW ST	N 1/4 - 1/2 (0.287 mi.)	M90	31
CACTUS MIDDLE SCHOOL Facility Id: 36010034 Status: No Further Action	***VALLEY BOULEVARD/CAC***	***W 1/2 - 1 (0.504 mi.)***	***94***	***32***
CACTUS ELEMENTARY SC Facility Id: 36010024 Status: No Further Action	***10050 CACTUS AVENUE***	***WNW 1/2 - 1 (0.524 mi.)***	***95***	***33***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAZMAT TSDF INC, FOR Facility Id: 80001495 Status: Inactive - Needs Evaluation	***180 WEST MONTE AVENU***	***S 1/2 - 1 (0.545 mi.)***	***96***	***33***
FONTANA PLATING FACI Facility Id: 60002429 Status: Active	***130 WEST MINDANAO ST***	***SSE 1/2 - 1 (0.616 mi.)***	***97***	***34***
SOUTHERN PACIFIC TRA Facility Id: 36370027 Status: No Further Action	***19100 SLOVER AVENUE***	***WSW 1/2 - 1 (0.871 mi.)***	***98***	***34***

Lists of state and tribal leaking storage tanks

CA LUST: A review of the CA LUST list, as provided by EDR, has revealed that there are 14 CA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC Database: LUST, Date of Government Version: 09/07/2021 Global Id: T0607199297 Status: Completed - Case Closed	***213 W VALLEY BLVD.***	***0 - 1/8 (0.000 mi.)***	***B6***	***10***
CLEM TRANS INC Database: LUST REG 8, Date of Government Version: 02/14/2005 Global ID: T0607199297 Facility Status: Case Closed	213 VALLEY BLVD.	NNE 0 - 1/8 (0.011 mi.)	C12	11
I-10 TRUCK STOP Database: LUST, Date of Government Version: 09/07/2021 Global Id: T0607199509 Status: Completed - Case Closed	***195 VALLEY BOULEVARD***	***NE 0 - 1/8 (0.023 mi.)***	***C13***	***11***
THRIFTY OIL #323/ AR Database: LUST REG 8, Date of Government Version: 02/14/2005	111 VALLEY BLVD	ENE 0 - 1/8 (0.106 mi.)	E31	16

Global ID: T0607100519
Facility Status: Preliminary site assessment underway

SPEEDWAY NO. 3975 (U	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***16***

Database: LUST, Date of Government Version: 09/07/2021
Global Id: T0607100519
Status: Completed - Case Closed

TEXACO SERVICE STATI	***120 VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***E40***	***18***

Database: LUST REG 8, Date of Government Version: 02/14/2005
Global ID: T0607100424
Facility Status: Case Closed

TEXACO SERVICE STATI	***120 W VALLEY BLVD***	***NE 0 - 1/8 (0.120 mi.)***	***H41***	***18***

Database: LUST, Date of Government Version: 09/07/2021
Global Id: T0607100424
Status: Completed - Case Closed

RIALTO, CITY OF (TEX	***102 VALLEY***	***ENE 1/8 - 1/4 (0.127 mi.)***	***H43***	***19***

Database: LUST REG 8, Date of Government Version: 02/14/2005
Global ID: T0607100101
Facility Status: Case Closed

CHEVRON #9-6969	101 VALLEY BLVD	ENE 1/8 - 1/4 (0.127 mi.)	H44	19

Database: LUST REG 8, Date of Government Version: 02/14/2005
Global ID: T0607100325
Facility Status: Case Closed

96969	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H57***	***22***

Database: LUST, Date of Government Version: 09/07/2021
Global Id: T0607100325
Status: Completed - Case Closed

RIALTO, CITY OF (TEX	***102 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.196 mi.)***	***K68***	***25***

Database: LUST, Date of Government Version: 09/07/2021
Global Id: T0607100101
Status: Completed - Case Closed

I-10 TRUCK STOP	***195 E VALLEY BLVD***	***ENE 1/4 - 1/2 (0.293 mi.)***	***91***	***31***

Database: LUST, Date of Government Version: 09/07/2021
Global Id: T10000007268
Status: Completed - Case Closed

TELCO FOODS	***2111 VALLEY BOULEVAR***	***ENE 1/4 - 1/2 (0.431 mi.)***	***93***	***32***

Database: LUST, Date of Government Version: 09/07/2021
Global Id: T0607105014
Status: Completed - Case Closed

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN PACIFIC RAI	***200 MARION WAY***	***SE 1/4 - 1/2 (0.387 mi.)***	***92***	***31***

Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 09/07/2021
Global Id: T0607100106
Global ID: T0607100106
Status: Completed - Case Closed
Facility Status: Case Closed

CA CPS-SLIC: A review of the CA CPS-SLIC list, as provided by EDR, has revealed that there is 1 CA CPS-SLIC site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
W C BROWN WELDING IN	***1485 S WILLOW AVE***	***N 1/4 - 1/2 (0.287 mi.)***	***M89***	***30***
Database: CPS-SLIC, Date of Government Version: 09/07/2021 Global Id: T10000001676 Facility Status: Completed - Case Closed				

Lists of state and tribal registered storage tanks

CA UST: A review of the CA UST list, as provided by EDR, has revealed that there are 6 CA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FEDERAL EXPRESS CORP	***280 W VALLEY BLVD***	***N 0 - 1/8 (0.061 mi.)***	***G25***	***14***
Database: UST, Date of Government Version: 09/07/2021 Facility Id: 87013790				
SPEEDWAY NO. 3975 (U	111 W VALLEY BLVD	ENE 0 - 1/8 (0.109 mi.)	H34	17
Database: UST, Date of Government Version: 09/07/2021 Facility Id: FA0001024				
ARCO #9695	111 W VALLEY BLVD	ENE 0 - 1/8 (0.109 mi.)	H39	18
Database: UST, Date of Government Version: 09/07/2021 Facility Id: 86008454				
CHEVRON STATION #696	101 E VALLEY BLVD	ENE 1/8 - 1/4 (0.161 mi.)	H53	21
Database: UST, Date of Government Version: 09/07/2021 Facility Id: 86008451				
CHEVRON STATION #969	101 E VALLEY BLVD	ENE 1/8 - 1/4 (0.161 mi.)	H56	22
Database: UST, Date of Government Version: 09/07/2021 Facility Id: FA0001899				
I-10 TRUCK STOP	195 E VALLEY BLVD	E 1/8 - 1/4 (0.245 mi.)	L88	30
Database: UST, Date of Government Version: 09/07/2021 Facility Id: FA0003905				

CA AST: A review of the CA AST list, as provided by EDR, has revealed that there are 3 CA AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WALMART #1862	***1610 S RIVERSIDE AVE***	***NE 1/8 - 1/4 (0.155 mi.)***	***I46***	***20***
Database: AST, Date of Government Version: 07/06/2016				
WAL-MART STORE #1862	1610 S. RIVERSIDE AV	NE 1/8 - 1/4 (0.155 mi.)	I47	20
Database: AST, Date of Government Version: 07/06/2016				
J.A.C.K. DIESEL REPA	450 W VALLEY BLVD	WNW 1/8 - 1/4 (0.171 mi.)	J63	24
Database: AST, Date of Government Version: 07/06/2016				

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CA CERS HAZ WASTE: A review of the CA CERS HAZ WASTE list, as provided by EDR, and dated 07/15/2021 has revealed that there are 10 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPEEDWAY NO. 3975 (U	*111 W VALLEY BLVD*	*ENE 0 - 1/8 (0.109 mi.)*	*H33*	*16*
WAL-MART STORE 1862	*1610 S RIVERSIDE AVE*	*NE 1/8 - 1/4 (0.155 mi.)*	*I52*	*21*
CHEVRON 96969	*101 E VALLEY BLVD*	*ENE 1/8 - 1/4 (0.161 mi.)*	*H54*	*21*
G N S TRUCK & TRAILE	*450 W VALLEY*	*WNW 1/8 - 1/4 (0.171 mi.)*	*J61*	*23*
STEEL UNLIMITED INC	*452 W VALLEY BLVD*	*WNW 1/8 - 1/4 (0.173 mi.)*	*J65*	*24*
MIDAS OF RIALTO LLC	*110 E VALLEY BLVD*	*ENE 1/8 - 1/4 (0.196 mi.)*	*K70*	*26*
P & S TRUCK CENTER	*161 E VALLEY BLVD*	*E 1/8 - 1/4 (0.209 mi.)*	*L73*	*26*
PEP BOYS #1669	*484 W VALLEY BLVD*	*WNW 1/8 - 1/4 (0.210 mi.)*	*J77*	*27*
CLUTCH MASTERS INDUS	*267 E VALLEY BLVD*	*ENE 1/8 - 1/4 (0.237 mi.)*	*K80*	*28*
I-10 TRUCK STOP	*195 E VALLEY BLVD*	*E 1/8 - 1/4 (0.245 mi.)*	*L84*	*29*

CA Toxic Pits: A review of the CA Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there is 1 CA Toxic Pits site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN PACIFIC RAI Closure Date: 02/21/91 Task #: 88005 Status: CLOSED	*200 MARION WAY*	*SE 1/4 - 1/2 (0.387 mi.)*	*92*	*31*

Local Lists of Registered Storage Tanks

CA SWEEPS UST: A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 11 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEMONS, G. Status: A Tank Status: A Comp Number: 68692	*213 W VALLEY BLVD*	*0 - 1/8 (0.000 mi.)*	*B9*	*10*
ABILITY HEAVY MOVERS Status: A Tank Status: A Comp Number: 11399	*285 W VALLEY BLVD*	*NNW 0 - 1/8 (0.005 mi.)*	*11*	*11*
FAT EQUIP RENTAL INC	*350 W VALLEY BLVD*	*NW 0 - 1/8 (0.059 mi.)*	*F18*	*13*

Status: A Tank Status: A Comp Number: 8456				
FEDERAL EXPRESS CORP Status: A Tank Status: A Comp Number: 13790	***280 W VALLEY BLVD***	***N 0 - 1/8 (0.061 mi.)***	***G25***	***14***
PAUL HUBBS CONSTRUCT Comp Number: 35560	***140 W VALLEY BLVD***	***NE 0 - 1/8 (0.063 mi.)***	***E29***	***15***
SPEEDWAY NO. 3975 (U Status: A Tank Status: A Comp Number: 2500	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***16***
CHEVRON STATION #696 Status: A Tank Status: A Comp Number: 62941	101 E VALLEY BLVD	ENE 1/8 - 1/4 (0.161 mi.)	H55	22
JUST GAS INC Comp Number: 51115	***102 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.196 mi.)***	***K67***	***25***
P & S TRUCK CENTER Status: A Tank Status: A Comp Number: 8519	***161 E VALLEY BLVD***	***E 1/8 - 1/4 (0.209 mi.)***	***L73***	***26***
DOOR COMPANY OF SAN Comp Number: 9399	***1591 SOUTH LILAC AVE***	***NW 1/8 - 1/4 (0.241 mi.)***	***82***	***28***
10-10 TRUCK STOP Status: A Tank Status: A Comp Number: 57683	195 E VALLEY RIALTO	E 1/8 - 1/4 (0.245 mi.)	L83	29

CA HIST UST: A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 10 CA HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC Facility Id: 00000068692	***213 W VALLEY BLVD.***	***0 - 1/8 (0.000 mi.)***	***B6***	***10***
CLEM-TRANS INC	213 WEST VALLEY BOUL	0 - 1/8 (0.000 mi.)	B10	11
PAUL HUBBS CONSTRUCT	140 WEST VALLEY BLVD	NE 0 - 1/8 (0.063 mi.)	E27	15
PAUL HUBBS CONSTRUCT Facility Id: 00000035560	140 W VALLEY BLVD	NE 0 - 1/8 (0.063 mi.)	E28	15
ARCO STN 323 Facility Id: 00000002500	111 W VALLEY	ENE 0 - 1/8 (0.109 mi.)	H35	17
96969 Facility Id: 00000062941	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H57***	***22***
TEXACO	102 E VALLEY BLVD	ENE 1/8 - 1/4 (0.196 mi.)	K69	25
P & S TRUCK CENTER Facility Id: 00000008519	***161 E VALLEY BLVD***	***E 1/8 - 1/4 (0.209 mi.)***	***L73***	***26***
DOOR COMPANY OF SAN	***1591 SOUTH LILAC AVE***	***NW 1/8 - 1/4 (0.241 mi.)***	***82***	***28***

Facility Id: 00000009399				
10-10 TRUCK STOP Facility Id: 00000057683	195 E VALLEY RIALTO	E 1/8 - 1/4 (0.245 mi.)	L87	30

CA CERS TANKS: A review of the CA CERS TANKS list, as provided by EDR, and dated 07/15/2021 has revealed that there are 4 CA CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPEEDWAY NO. 3975 (U	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***16***
CHEVRON 96969	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H54***	***21***
G N S TRUCK & TRAILE	***450 W VALLEY***	***WNW 1/8 - 1/4 (0.171 mi.)***	***J61***	***23***
I-10 TRUCK STOP	***195 E VALLEY BLVD***	***E 1/8 - 1/4 (0.245 mi.)***	***L84***	***29***

CA FID UST: A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 10 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEMONS, G. Facility Id: 36009284 Status: A	***213 W VALLEY BLVD***	***0 - 1/8 (0.000 mi.)***	***B9***	***10***
ABILITY HEAVY MOVERS Facility Id: 36005571 Status: A	***285 W VALLEY BLVD***	***NNW 0 - 1/8 (0.005 mi.)***	***11***	***11***
FAT EQUIP RENTAL INC Facility Id: 36005107 Status: A	***350 W VALLEY BLVD***	***NW 0 - 1/8 (0.059 mi.)***	***F18***	***13***
FED EX Facility Id: 36004790 Status: A	***280 W VALLEY BLVD***	***N 0 - 1/8 (0.061 mi.)***	***G23***	***14***
PAUL HUBBS CONSTRUCT Facility Id: 36002127 Status: I	***140 W VALLEY BLVD***	***NE 0 - 1/8 (0.063 mi.)***	***E29***	***15***
SPEEDWAY NO. 3975 (U Facility Id: 36000967 Status: A	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***16***
CHEVRON 96969 Facility Id: 36009223 Status: A	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H54***	***21***
JUST GAS INC Facility Id: 36000394 Status: I	***102 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.196 mi.)***	***K67***	***25***
P & S TRUCK CENTER Facility Id: 36002536 Status: A	***161 E VALLEY BLVD***	***E 1/8 - 1/4 (0.209 mi.)***	***L73***	***26***
10-10 TRUCK STOP	195 E VALLEY RIALTO	E 1/8 - 1/4 (0.245 mi.)	L85	29

EXECUTIVE SUMMARY

Facility Id: 36009174
Status: A

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there are 19 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SQUARE TRANSPORTATIO EPA ID:: CAL000333968	350 W VALLEY BLVD	NW 0 - 1/8 (0.059 mi.)	F19	13
RRL DIESEL REPAIR SH	350 W VALLEY BLVD	NW 0 - 1/8 (0.059 mi.)	F21	14
BELCO TRANSPORT, INC EPA ID:: CAC003041678	350 W VALLEY BLVD	NW 0 - 1/8 (0.059 mi.)	F22	14
GOODFELLOW CORP CA EPA ID:: CAL000402318	280 W VALLEY BLVD	N 0 - 1/8 (0.061 mi.)	G24	14
ORION FLOORING, INC EPA ID:: CAC003050121	363 W VALLEY BLVD	WNW 0 - 1/8 (0.095 mi.)	F30	16
SPEEDWAY #3975	111 W VALLEY BLVD	ENE 0 - 1/8 (0.109 mi.)	H37	18
TESORO REFINING & MA EPA ID:: CAL000372930	111 W VALLEY BLVD	ENE 0 - 1/8 (0.109 mi.)	H38	18
GRAY / ICE BUILDERS EPA ID:: CAC002984216	1610 S. RIVERSIDE DR	NE 1/8 - 1/4 (0.155 mi.)	I45	19
AUTOZONE 5214 EPA ID:: CAL000451041	1610 S RIVERSIDE AVE	NE 1/8 - 1/4 (0.155 mi.)	I49	20
WALMART #1862 EPA ID:: CAR000205393	1610 S RIVERSIDE AVE	NE 1/8 - 1/4 (0.155 mi.)	I50	20
DD'S DISCOUNT #5398 EPA ID:: CAL000452789	1610 S RIVERSIDE AVE	NE 1/8 - 1/4 (0.155 mi.)	I51	21
J.A.C.K DIESEL REPAI EPA ID:: CAL000395702	450 W VALLEY BLVD	WNW 1/8 - 1/4 (0.171 mi.)	J60	23
STEEL UNLIMITED INC EPA ID:: CAL000431438	452 W VALLEY BLVD	WNW 1/8 - 1/4 (0.173 mi.)	J64	24
ATV INC AMERICAN TIR EPA ID:: CAL000408504	110 E VALLEY BLVD	ENE 1/8 - 1/4 (0.196 mi.)	K71	26
IE MENESES INC DBA Q EPA ID:: CAL000334183	476 W VALLEY BLVD	WNW 1/8 - 1/4 (0.206 mi.)	J72	26
P & S TRUCK CENTER EPA ID:: CAL000206439	161 E VALLEY BLVD	E 1/8 - 1/4 (0.209 mi.)	L74	27
PEP BOYS STORE#1669 EPA ID:: CAL000388513	484 W VALLEY BLVD	WNW 1/8 - 1/4 (0.210 mi.)	J75	27
CLUTCH MASTERS IND. EPA ID:: CAL000076368	267 E VALLEY BL	ENE 1/8 - 1/4 (0.237 mi.)	K81	28
I 10 TRUCK STOP	195 E VALLEY BLVD	E 1/8 - 1/4 (0.245 mi.)	L86	29

EXECUTIVE SUMMARY

EPA ID:: CAL000359508

FINDS: A review of the FINDS list, as provided by EDR, and dated 05/05/2021 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC Registry ID:: 110065728608	213 W VALLEY BLVD.	0 - 1/8 (0.000 mi.)	B5	9

CA Cortese: A review of the CA Cortese list, as provided by EDR, and dated 09/20/2021 has revealed that there are 9 CA Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC Cleanup Status: COMPLETED - CASE CLOSED	***213 W VALLEY BLVD.***	***0 - 1/8 (0.000 mi.)***	***B6***	***10***
I-10 TRUCK STOP Cleanup Status: COMPLETED - CASE CLOSED	***195 VALLEY BOULEVARD***	***NE 0 - 1/8 (0.023 mi.)***	***C13***	***11***
SPEEDWAY NO. 3975 (U Cleanup Status: COMPLETED - CASE CLOSED	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***16***
TEXACO SERVICE STATI Cleanup Status: COMPLETED - CASE CLOSED	***120 W VALLEY BLVD***	***NE 0 - 1/8 (0.120 mi.)***	***H41***	***18***
96969 Cleanup Status: COMPLETED - CASE CLOSED	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H57***	***22***
RIALTO, CITY OF (TEX Cleanup Status: COMPLETED - CASE CLOSED	***102 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.196 mi.)***	***K68***	***25***
I-10 TRUCK STOP Cleanup Status: COMPLETED - CASE CLOSED	***195 E VALLEY BLVD***	***ENE 1/4 - 1/2 (0.293 mi.)***	***91***	***31***
TELCO FOODS Cleanup Status: COMPLETED - CASE CLOSED	***2111 VALLEY BOULEVAR***	***ENE 1/4 - 1/2 (0.431 mi.)***	***93***	***32***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN PACIFIC RAI Cleanup Status: COMPLETED - CASE CLOSED	***200 MARION WAY***	***SE 1/4 - 1/2 (0.387 mi.)***	***92***	***31***

CA HIST CORTESE: A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TEXACO SERVICE STATI Reg Id: 083602887T	***120 VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***E40***	***18***
RIALTO, CITY OF (TEX	***102 VALLEY***	***ENE 1/8 - 1/4 (0.127 mi.)***	***H43***	***19***

Reg Id: 083600955T

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN PACIFIC RAI	***200 MARION WAY***	***SE 1/4 - 1/2 (0.387 mi.)***	***92***	***31***
Reg Id: 083600986T				

CA HWP: A review of the CA HWP list, as provided by EDR, and dated 08/13/2021 has revealed that there is 1 CA HWP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAZMAT TSDF INC, FOR	***180 WEST MONTE AVENU***	***S 1/2 - 1 (0.545 mi.)***	***96***	***33***
EPA ID: CAD982444481				
Cleanup Status: OPERATING PERMIT				

TX Ind. Haz Waste: A review of the TX Ind. Haz Waste list, as provided by EDR, and dated 05/24/2021 has revealed that there is 1 TX Ind. Haz Waste site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOUGLAS TRUCKING	350 W VALLEY BLVD	NW 0 - 1/8 (0.059 mi.)	F17	13
Registration Number: 41644				

CA San Bern. Co. Permit: A review of the CA San Bern. Co. Permit list, as provided by EDR, and dated 08/11/2021 has revealed that there are 17 CA San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC	***213 W VALLEY BLVD.***	***0 - 1/8 (0.000 mi.)***	***B6***	***10***
Facility Status: INACTIVE				
Facility Id: FA0002227				
WHITING DOOR MFG COR	***311 W VALLEY BLVD***	***WNW 0 - 1/8 (0.027 mi.)***	***D15***	***12***
Facility Status: INACTIVE				
Facility Id: FA0007295				
HOMETOWN BUFFET #753	127 W VALLEY BLVD	ENE 0 - 1/8 (0.054 mi.)	E16	12
Facility Status: INACTIVE				
Facility Id: FA0011224				
SQUARE TRANSPORTATIO	350 W VALLEY BLVD	NW 0 - 1/8 (0.059 mi.)	F20	13
Facility Status: INACTIVE				
Facility Id: FA0011641				
Facility Id: FA0011511				
Facility Id: FA0001701				
FEDERAL EXPRESS CORP	280 W VALLEY BLVD	N 0 - 1/8 (0.061 mi.)	G26	15
Facility Status: INACTIVE				

Facility Id: FA0003196				
SPEEDWAY NO. 3975 (U	***111 W VALLEY BLVD***	***ENE 0 - 1/8 (0.109 mi.)***	***H33***	***16***
Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0001024				
WAL-MART STORE 1862	***1610 S RIVERSIDE AVE***	***NE 1/8 - 1/4 (0.155 mi.)***	***I52***	***21***
Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0007198				
CHEVRON 96969	***101 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H54***	***21***
Facility Status: ACTIVE Facility Id: FA0001899				
G N S TRUCK & TRAILE	***450 W VALLEY***	***WNW 1/8 - 1/4 (0.171 mi.)***	***J61***	***23***
Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0015467 Facility Id: FA0003483				
J.A.C.K DIESEL REPAI	***450 W VALLEY BLVD***	***WNW 1/8 - 1/4 (0.171 mi.)***	***J62***	***24***
Facility Status: INACTIVE Facility Id: FA0008421				
STEEL UNLIMITED INC	***452 W VALLEY BLVD***	***WNW 1/8 - 1/4 (0.173 mi.)***	***J65***	***24***
Facility Status: ACTIVE Facility Id: FA0016934				
MIDAS OF RIALTO LLC	***110 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.196 mi.)***	***K70***	***26***
Facility Status: ACTIVE Facility Id: FA0018785				
P & S TRUCK CENTER	***161 E VALLEY BLVD***	***E 1/8 - 1/4 (0.209 mi.)***	***L73***	***26***
Facility Status: ACTIVE Facility Id: FA0005146				
DISCOUNT TIRE CENTER	484 W VALLEY BLVD	WNW 1/8 - 1/4 (0.210 mi.)	J76	27
Facility Status: INACTIVE Facility Id: FA0002750				
PEP BOYS #1669	***484 W VALLEY BLVD***	***WNW 1/8 - 1/4 (0.210 mi.)***	***J77***	***27***
Facility Status: ACTIVE Facility Id: FA0015475				
VERIZON WIRELESS: RI	***1531 S WILLOW AVE***	***N 1/8 - 1/4 (0.212 mi.)***	***79***	***28***
Facility Status: ACTIVE Facility Id: FA0000736				
CLUTCH MASTERS INDUS	***267 E VALLEY BLVD***	***ENE 1/8 - 1/4 (0.237 mi.)***	***K80***	***28***
Facility Status: ACTIVE Facility Id: FA0002237				

CA CERS: A review of the CA CERS list, as provided by EDR, and dated 07/15/2021 has revealed that there is 1 CA CERS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC	***213 W VALLEY BLVD.***	***0 - 1/8 (0.000 mi.)***	***B6***	***10***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THRIFTY OIL 323	111 W VALLEY BLVD	ENE 0 - 1/8 (0.109 mi.)	H36	17
VICS TEXACO SERVICE	120 W VALEY	NE 0 - 1/8 (0.120 mi.)	H42	19

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

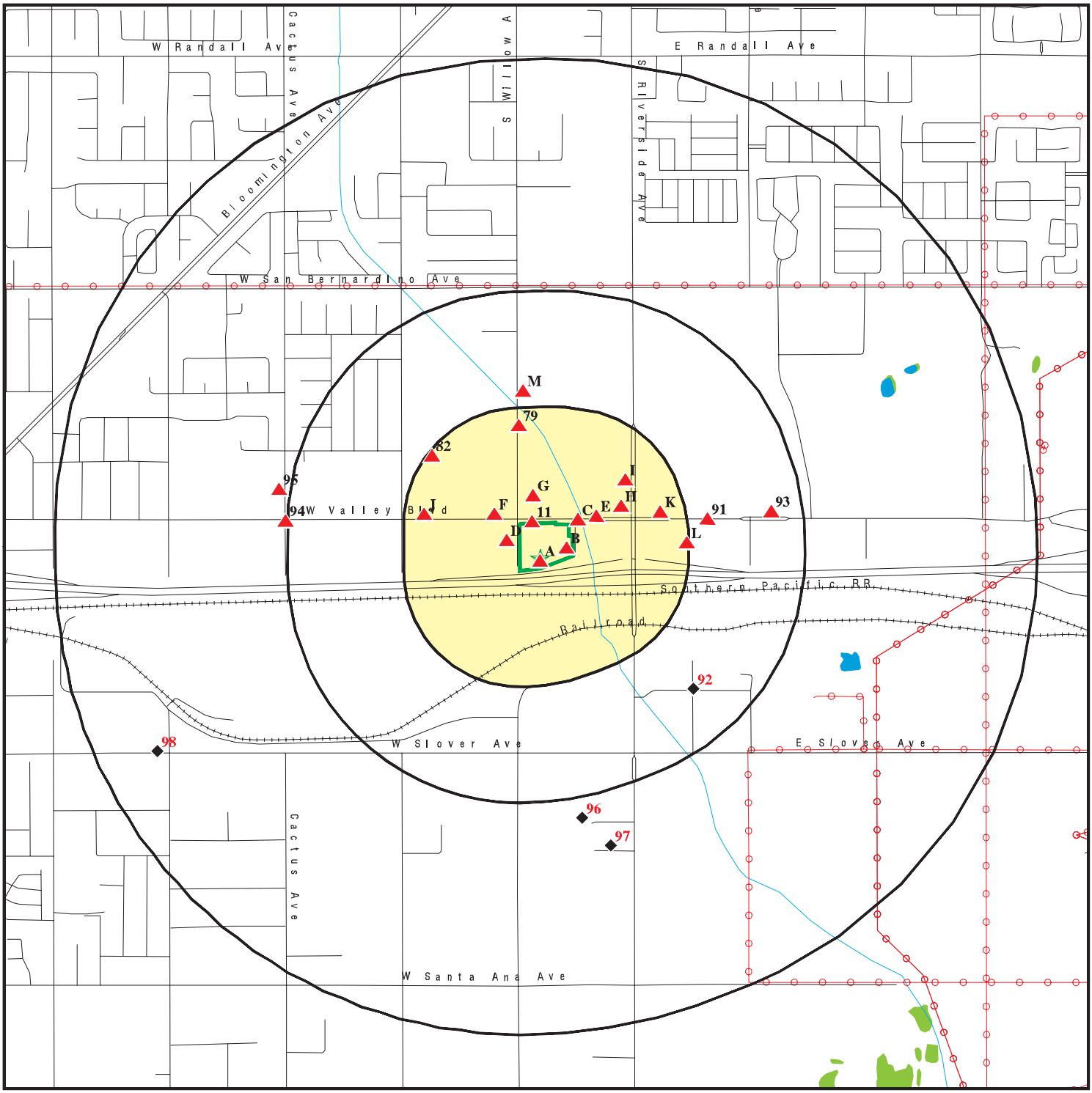
CA RGA LUST: A review of the CA RGA LUST list, as provided by EDR, has revealed that there are 2 CA RGA LUST sites within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEM TRANS INC	213 WEST VALLEY BLVD	0 - 1/8 (0.000 mi.)	B7	10
CLEM TRANS INC	213 W VALLEY BLVD.	0 - 1/8 (0.000 mi.)	B8	10

Count: 9 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLOOMINGTON	2009058206	3650 S WILLOW AVE	3650 S WILLOW AVE		HMIRS
COLTON	S108985928	SHELL TANK FARM	N/A S RIVERSIDE AVENUE		CA CPS-SLIC
COLTON	S108985927	GOLDEN WEST FUEL RACK	N/A S RIVERSIDE AVENUE		CA CPS-SLIC
RIALTO	S127281853	OD 2180 S WILLOW AVE	OD 2180 S WILLOW AVE	92316	CA NPDES, CA CIWQS
RIALTO	S126984116	KORE INFRASTRUCTURE PLANT #1	NW CORNER OF RIVERSIDE AVE & K	92316	CA SWF/LF
RIALTO	S114598372	CHEVRON S S #6969	101 VALLEY BOULEVARD, EAST		CA RGA LUST
RIALTO	2010101836	2650 S WILLOW AVE	2650 S WILLOW AVE		HMIRS
RIALTO	2009044134	2650 S WILLOW AVE	2650 S WILLOW AVE		HMIRS
RIALTO	2009043699	2650 S WILLOW AVE	2650 S WILLOW AVE		HMIRS

OVERVIEW MAP - 6787826.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

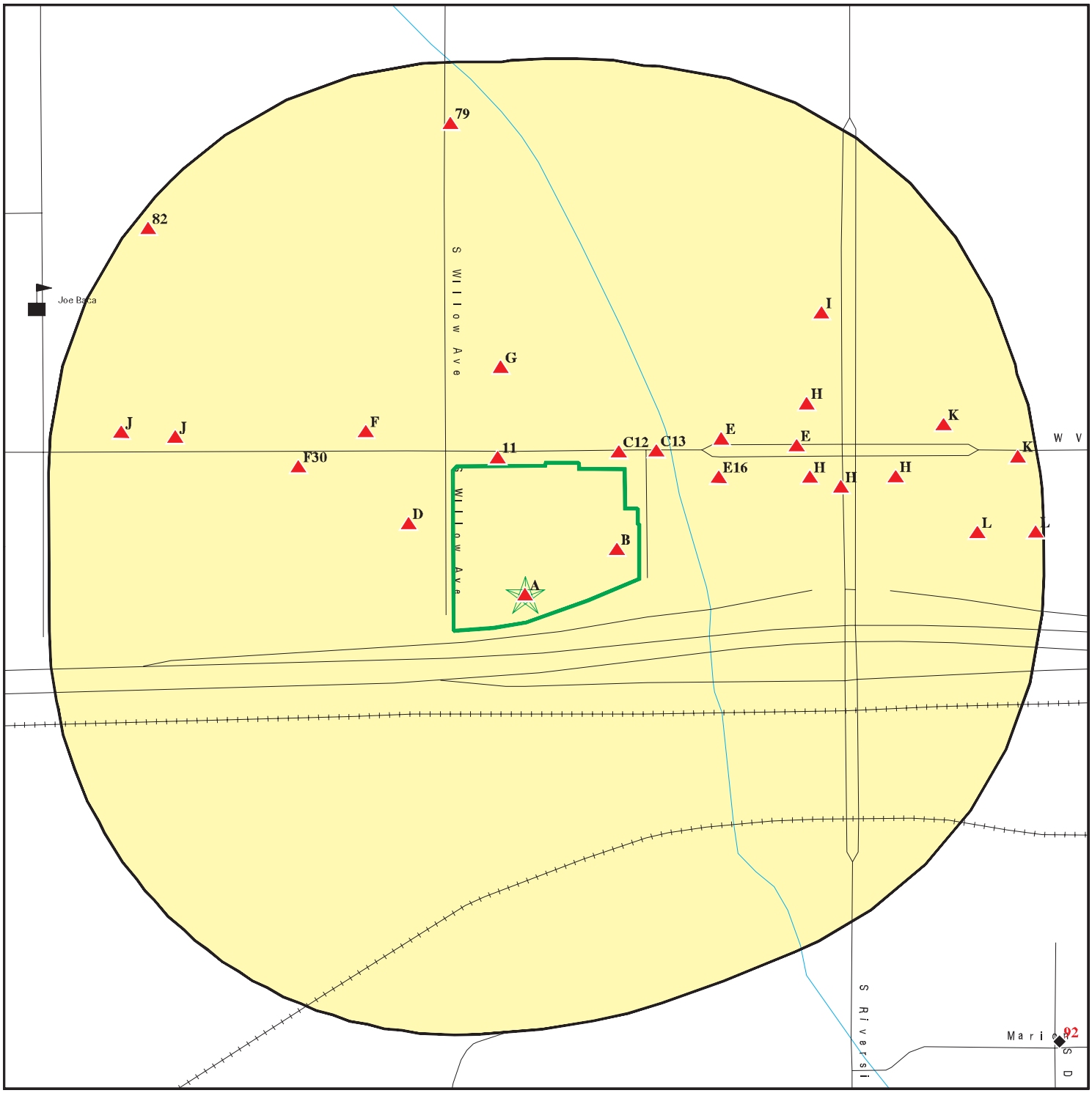
N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1743 S Willow Ave	CLIENT:	Hazard Management Consulting
ADDRESS:	1743 S Willow Ave Rialto CA 92376	CONTACT:	Troy Taylor
LAT/LONG:	34.069227 / 117.373783	INQUIRY #:	6787826.2s
		DATE:	December 14, 2021 3:57 pm

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DETAIL MAP - 6787826.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1743 S Willow Ave	CLIENT: Hazard Management Consulting
ADDRESS: 1743 S Willow Ave Rialto CA 92376	CONTACT: Troy Taylor
LAT/LONG: 34.069227 / 117.373783	INQUIRY #: 6787826.2s DATE: December 14, 2021 3:59 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	1	NR	1
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	2	NR	NR	NR	2
RCRA-SQG	0.250		3	2	NR	NR	NR	5
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
CA RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
CA ENVIROSTOR	1.000		0	0	1	5	NR	6
Lists of state and tribal landfills and solid waste disposal facilities								
CA SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
CA LUST	0.500		7	4	3	NR	NR	14
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500		0	0	1	NR	NR	1
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		3	3	NR	NR	NR	6
CA AST	0.250		0	3	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	0.001		0	NR	NR	NR	NR	0
CA CERS HAZ WASTE	0.250		1	9	NR	NR	NR	10
CA Toxic Pits	1.000		0	0	1	0	NR	1
US CDL	0.001		0	NR	NR	NR	NR	0
CA PFAS	0.500		0	0	0	NR	NR	0
CA AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250	1	6	5	NR	NR	NR	12
CA HIST UST	0.250		5	5	NR	NR	NR	10
CA CERS TANKS	0.250		1	3	NR	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA FID UST	0.250	1	6	4	NR	NR	NR	11
Local Land Records								
CA LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CA CHMIRS	0.001		0	NR	NR	NR	NR	0
CA LDS	0.001		0	NR	NR	NR	NR	0
CA MCS	0.001		0	NR	NR	NR	NR	0
CA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		7	12	NR	NR	NR	19
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA Cortese	0.500		4	2	3	NR	NR	9
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	0.001		0	NR	NR	NR	NR	0
CA ENF	0.001		0	NR	NR	NR	NR	0
CA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	0.001	2	0	NR	NR	NR	NR	2
CA ICE	0.001		0	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		1	1	1	NR	NR	3
CA HWP	1.000		0	0	0	1	NR	1
CA HWT	0.250		0	0	NR	NR	NR	0
TX Ind. Haz Waste	0.250		1	0	NR	NR	NR	1
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	0.001		0	NR	NR	NR	NR	0
CA San Bern. Co. Permit	0.250		6	11	NR	NR	NR	17
CA PEST LIC	0.001		0	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
CA UIC	0.001		0	NR	NR	NR	NR	0
CA UIC GEO	0.001		0	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	0.001		0	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
CA PROJECT	0.001		0	NR	NR	NR	NR	0
CA WDR	0.001		0	NR	NR	NR	NR	0
CA CIWQS	0.001		0	NR	NR	NR	NR	0
CA CERS	0.001		1	NR	NR	NR	NR	1
CA NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
CA OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
CA PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
CA SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
CA WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
CA HWTS	TP	3	NR	NR	NR	NR	NR	3
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA RGA LUST	0.001		2	NR	NR	NR	NR	2
- Totals --		7	57	67	10	7	0	148

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target
Property
R THOMPSON TRUCKING
1743 S WILLOW
RIALTO, CA 92376
CA SWEEPS UST **S101591343**
CA FID UST **N/A**

Actual:
1057 ft.

Click here for full text details

CA SWEEPS UST
Status A
Tank Status A
Comp Number 10188

CA FID UST
Facility Id 36005016
Status A

A2
Target
Property
TIMS MOBIL TRUCK REPAIR
1743 S WILLOW AVE
RIALTO, CA 92376
CA HWTS **S124762188**
N/A

Actual:
1057 ft.

Click here for full text details

A3
Target
Property
JV MOTORSPORTS
1743 S. WILLOW AVE.
RIALTO, CA 92376
CA HAZNET **S118923475**
CA HWTS **N/A**

Actual:
1057 ft.

Click here for full text details

CA HAZNET
GEPAID CAC002821744

A4
Target
Property
1X THOMPSON, INEZ
1743 SOUTH WILLOW
RIALTO, CA 92376
CA HAZNET **S123727686**
CA HWTS **N/A**

Actual:
1057 ft.

Click here for full text details

CA HAZNET
GEPAID CAC000292609

B5
< 1/8
1 ft.
CLEM TRANS INC
213 W VALLEY BLVD.
RIALTO, CA 92376
FINDS **1023282164**
N/A

Relative:
Higher

Click here for full text details

FINDS
Registry ID: 110065728608

B6
< 1/8
1 ft.

CLEM TRANS INC
213 W VALLEY BLVD.
RIALTO, CA 92376

CA LUST
CA HIST UST
CA Cortese
CA San Bern. Co. Permit
CA CERS

U001575529
N/A

Relative:
Higher

Click here for full text details

CA LUST
Status Completed - Case Closed
Global Id T0607199297

CA HIST UST
Facility Id 00000068692

CA Cortese
Cleanup Status COMPLETED - CASE CLOSED

CA San Bern. Co. Permit
Facility Id FA0002227
Facility Status INACTIVE

B7
< 1/8
1 ft.

CLEM TRANS INC
213 WEST VALLEY BLVD.
RIALTO, CA

CA RGA LUST

S114604011
N/A

Relative:
Higher

Click here for full text details

B8
< 1/8
1 ft.

CLEM TRANS INC
213 W VALLEY BLVD.
RIALTO, CA

CA RGA LUST

S114604010
N/A

Relative:
Higher

Click here for full text details

B9
< 1/8
1 ft.

CLEMONS, G.
213 W VALLEY BLVD
RIALTO, CA 92376

CA SWEEPS UST
CA FID UST

S101619398
N/A

Relative:
Higher

Click here for full text details

CA SWEEPS UST
Status A
Tank Status A
Comp Number 68692

CA FID UST
Facility Id 36009284

CLEMONS, G. (Continued) **S101619398**

Status A

B10
< 1/8
1 ft.

Relative: Higher

CLEM-TRANS INC **CA HIST UST** **S118408759**
213 WEST VALLEY BOULEVARD **N/A**
RIALTO, CA 92376

Click here for full text details

11
NNW
< 1/8
0.005 mi.
29 ft.

Relative: Higher

ABILITY HEAVY MOVERS INC **CA SWEEPS UST** **S101591360**
285 W VALLEY BLVD **CA FID UST** **N/A**
RIALTO, CA 92376

Click here for full text details

CA SWEEPS UST
Status A
Tank Status A
Comp Number 11399

CA FID UST
Facility Id 36005571
Status A

C12
NNE
< 1/8
0.011 mi.
57 ft.

Relative: Higher

CLEM TRANS INC **CA LUST** **S105050725**
213 VALLEY BLVD. **N/A**
RIALTO, CA 92376

Click here for full text details

CA LUST
Global ID T0607199297
Facility Status Case Closed

C13
NE
< 1/8
0.023 mi.
120 ft.

Relative: Higher

I-10 TRUCK STOP **CA LUST** **S108087034**
195 VALLEY BOULEVARD EAST **CA Cortese** **N/A**
RIALTO, CA 92376 **CA CERS**

Click here for full text details

CA LUST
Status Completed - Case Closed
Global Id T0607199509

CA Cortese
Cleanup Status COMPLETED - CASE CLOSED

D14
WNW
< 1/8
0.027 mi.
145 ft.

Relative:
Higher

WHITING DOOR MFG CORP
311 W VALLEY BLVD
RIALTO, CA 92376

RCRA-SQG
CA HAZNET
CA HWTS

1000455622
CAD982493231

Click here for full text details

RCRA-SQG
EPA Id CAD982493231

CA HAZNET
GEPAID CAD982493231

D15
WNW
< 1/8
0.027 mi.
145 ft.

Relative:
Higher

WHITING DOOR MFG CORP
311 W VALLEY BLVD
RIALTO, CA 92376

RCRA-SQG
CA EMI
CA HAZNET
CA San Bern. Co. Permit
CA CERS
CA HWTS

1000455623
CAD982493553

Click here for full text details

RCRA-SQG
EPA Id CAD982493553

CA EMI
Facility Id 45757

CA HAZNET
GEPAID CAD982493553

CA San Bern. Co. Permit
Facility Id FA0007295
Facility Status INACTIVE

E16
ENE
< 1/8
0.054 mi.
285 ft.

Relative:
Higher

HOMETOWN BUFFET #753
127 W VALLEY BLVD
RIALTO, CA 92376

CA San Bern. Co. Permit

S102818483
N/A

Click here for full text details

CA San Bern. Co. Permit
Facility Id FA0011224
Facility Status INACTIVE

F17
NW
< 1/8
0.059 mi.
312 ft.

Relative:
Higher

DOUGLAS TRUCKING
350 W VALLEY BLVD
RIALTO, CA 92376

TX Ind. Haz Waste **S104852154**
N/A

Click here for full text details

TX Ind. Haz Waste
Registration Number 41644

F18
NW
< 1/8
0.059 mi.
312 ft.

Relative:
Higher

FAT EQUIP RENTAL INC
350 W VALLEY BLVD
RIALTO, CA 92376

CA SWEEPS UST **S101591346**
CA FID UST **N/A**

Click here for full text details

CA SWEEPS UST
Status A
Tank Status A
Comp Number 8456

CA FID UST
Facility Id 36005107
Status A

F19
NW
< 1/8
0.059 mi.
312 ft.

Relative:
Higher

SQUARE TRANSPORTATION INC
350 W VALLEY BLVD
RIALTO, CA 92376

RCRA NonGen / NLR **1024820535**
CAL000333968

Click here for full text details

RCRA NonGen / NLR
EPA Id CAL000333968

F20
NW
< 1/8
0.059 mi.
312 ft.

Relative:
Higher

SQUARE TRANSPORTATION INC
350 W VALLEY BLVD
RIALTO, CA 92376

CA San Bern. Co. Permit **S104532947**
N/A

Click here for full text details

CA San Bern. Co. Permit
Facility Id FA0011641
Facility Id FA0011511
Facility Id FA0001701
Facility Status INACTIVE

F21
NW
< 1/8
0.059 mi.
312 ft.

Relative:
Higher

RRL DIESEL REPAIR SHOP INC
350 W VALLEY BLVD
RIALTO, CA 92376

RCRA NonGen / NLR | **1026486938**
CAC003093112

Click here for full text details

F22
NW
< 1/8
0.059 mi.
312 ft.

Relative:
Higher

BELCO TRANSPORT, INC
350 W VALLEY BLVD
RIALTO, CA 92376

RCRA NonGen / NLR | **1025861003**
CAC003041678

Click here for full text details

RCRA NonGen / NLR
EPA Id CAC003041678

G23
North
< 1/8
0.061 mi.
324 ft.

Relative:
Higher

FED EX
280 W VALLEY BLVD
RIALTO, CA 92376

CA FID UST | **S101591325**
CA HAZNET | **N/A**
CA CIWQS
CA HWTS

Click here for full text details

CA FID UST
Facility Id 36004790
Status A

CA HAZNET
GEPAID CAL000402318

G24
North
< 1/8
0.061 mi.
324 ft.

Relative:
Higher

GOODFELLOW CORP CA
280 W VALLEY BLVD
RIALTO, CA 92376

RCRA NonGen / NLR | **1024847445**
CAL000402318

Click here for full text details

RCRA NonGen / NLR
EPA Id CAL000402318

G25
North
< 1/8
0.061 mi.
324 ft.

Relative:
Higher

FEDERAL EXPRESS CORP
280 W VALLEY BLVD
RIALTO, CA 92376

CA UST | **U003784963**
CA SWEEPS UST | **N/A**
CA WDS

Click here for full text details

CA UST
Facility Id 87013790

CA SWEEPS UST

FEDERAL EXPRESS CORP (Continued) **U003784963**

Status A
Tank Status A
Comp Number 13790

CA WDS
Facility Id 8 36I005977
Facility Status Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

G26
North
< 1/8
0.061 mi.
324 ft.

Relative:
Higher

FEDERAL EXPRESS CORP **CA San Bern. Co. Permit** **S103649087**
280 W VALLEY BLVD **N/A**
RIALTO, CA 92376

Click here for full text details

CA San Bern. Co. Permit
Facility Id FA0003196
Facility Status INACTIVE

E27
NE
< 1/8
0.063 mi.
331 ft.

Relative:
Higher

PAUL HUBBS CONSTRUCTION CO **CA HIST UST** **S118413945**
140 WEST VALLEY BLVD **N/A**
RIALTO, CA 92376

Click here for full text details

E28
NE
< 1/8
0.063 mi.
331 ft.

Relative:
Higher

PAUL HUBBS CONSTRUCTION CO. **CA HIST UST** **U001575550**
140 W VALLEY BLVD **N/A**
RIALTO, CA 92376

Click here for full text details

CA HIST UST
Facility Id 00000035560

E29
NE
< 1/8
0.063 mi.
331 ft.

Relative:
Higher

PAUL HUBBS CONSTRUCTION CO. **CA SWEEPS UST** **S101619402**
140 W VALLEY BLVD **CA FID UST** **N/A**
RIALTO, CA 92376 **CA EMI**

Click here for full text details

CA SWEEPS UST
Comp Number 35560

CA FID UST
Facility Id 36002127
Status I

CA EMI

PAUL HUBBS CONSTRUCTION CO. (Continued) **S101619402**

Facility Id 30510

F30
WNW
< 1/8
0.095 mi.
504 ft.

Relative:
Higher

ORION FLOORING, INC **RCRA NonGen / NLR** **1026043867**
363 W VALLEY BLVD **CAC003050121**
RIALTO, CA 92376

Click here for full text details

RCRA NonGen / NLR
EPA Id CAC003050121

E31
ENE
< 1/8
0.106 mi.
560 ft.

Relative:
Higher

THRIFTY OIL #323/ ARCO #9695 **CA LUST** **S103464083**
111 VALLEY BLVD **N/A**
RIALTO, CA 92376

Click here for full text details

CA LUST
Global ID T0607100519
Facility Status Preliminary site assessment underway

H32
ENE
< 1/8
0.109 mi.
573 ft.

Relative:
Higher

ARCO FACILITY NO 09695 **RCRA-SQG** **1004678016**
111 W VALLEY BLVD **FINDS** **CAR000104000**
RIALTO, CA 92376 **ECHO**

Click here for full text details

RCRA-SQG
EPA Id CAR000104000

FINDS
Registry ID: 110012191350

ECHO
Registry ID 110012191350

H33
ENE
< 1/8
0.109 mi.
573 ft.

Relative:
Higher

SPEEDWAY NO. 3975 (USA) **CA LUST** **S101591044**
111 W VALLEY BLVD **CA CERS HAZ WASTE** **N/A**
RIALTO, CA 92376 **CA SWEEPS UST**
CA FID UST
CA CERS TANKS
CA Cortese
CA San Bern. Co. Permit
CA CERS

Click here for full text details

CA LUST
Status Completed - Case Closed
Global Id T0607100519

SPEEDWAY NO. 3975 (USA) (Continued) **S101591044**

CA SWEEPS UST
Status A
Tank Status A
Comp Number 2500

CA FID UST
Facility Id 36000967
Status A

CA Cortese
Cleanup Status COMPLETED - CASE CLOSED

CA San Bern. Co. Permit
Facility Id FA0001024
Facility Status ACTIVE
Facility Status INACTIVE

H34
ENE
< 1/8
0.109 mi.
573 ft.

Relative:
Higher

SPEEDWAY NO. 3975 (USA) **CA UST** **U004351848**
111 W VALLEY BLVD **N/A**
RIALTO, CA 92376

Click here for full text details

CA UST
Facility Id FA0001024

H35
ENE
< 1/8
0.109 mi.
573 ft.

Relative:
Higher

ARCO STN 323 **CA HIST UST** **U001575522**
111 W VALLEY **N/A**
RIALTO, CA 92376

Click here for full text details

CA HIST UST
Facility Id 00000002500

H36
ENE
< 1/8
0.109 mi.
573 ft.

Relative:
Higher

THRIFTY OIL 323 **EDR Hist Auto** **1020188741**
111 W VALLEY BLVD **N/A**
RIALTO, CA 92376

Click here for full text details

H37
ENE
< 1/8
0.109 mi.
573 ft.

Relative:
Higher

SPEEDWAY #3975
111 W VALLEY BLVD
RIALTO, CA 92376

RCRA NonGen / NLR **1026828228**
CAL000463217

Click here for full text details

H38
ENE
< 1/8
0.109 mi.
573 ft.

Relative:
Higher

TESORO REFINING & MARKETING COMPANY LLC #63323
111 W VALLEY BLVD
RIALTO, CA 92376

RCRA NonGen / NLR **1024833511**
CAL000372930

Click here for full text details

RCRA NonGen / NLR
EPA Id CAL000372930

H39
ENE
< 1/8
0.109 mi.
573 ft.

Relative:
Higher

ARCO #9695
111 W VALLEY BLVD
RIALTO, CA 92376

CA UST **U004350321**
N/A

Click here for full text details

CA UST
Facility Id 86008454

E40
ENE
< 1/8
0.109 mi.
575 ft.

Relative:
Higher

TEXACO SERVICE STATION
120 VALLEY BLVD
RIALTO, CA 92376

CA LUST **S102438785**
CA HIST CORTESE **N/A**

Click here for full text details

CA LUST
Global ID T0607100424
Facility Status Case Closed

CA HIST CORTESE
Reg Id 083602887T

H41
NE
< 1/8
0.120 mi.
632 ft.

Relative:
Higher

TEXACO SERVICE STATION
120 W VALLEY BLVD
RIALTO, CA 92376

CA LUST **S100946308**
CA Cortese **N/A**
CA CERS

Click here for full text details

CA LUST
Status Completed - Case Closed
Global Id T0607100424

CA Cortese

TEXACO SERVICE STATION (Continued) **S100946308**

Cleanup Status COMPLETED - CASE CLOSED

H42
NE
< 1/8
0.120 mi.
632 ft.

Relative:
Higher

VICS TEXACO SERVICE **EDR Hist Auto** **1020649533**
120 W VALEY **N/A**
RIALTO, CA 92376

Click here for full text details

H43
ENE
1/8-1/4
0.127 mi.
668 ft.

Relative:
Higher

RIALTO, CITY OF (TEXACO) **CA LUST** **S101301260**
102 VALLEY **CA HIST CORTESE** **N/A**
RIALTO, CA 92376

Click here for full text details

CA LUST
Global ID T0607100101
Facility Status Case Closed

CA HIST CORTESE
Reg Id 083600955T

H44
ENE
1/8-1/4
0.127 mi.
668 ft.

Relative:
Higher

CHEVRON #9-6969 **CA LUST** **S106784791**
101 VALLEY BLVD **N/A**
RIALTO, CA 92376

Click here for full text details

CA LUST
Global ID T0607100325
Facility Status Case Closed

I45
NE
1/8-1/4
0.155 mi.
821 ft.

Relative:
Higher

GRAY / ICE BUILDERS **RCRA NonGen / NLR** **1024764348**
1610 S. RIVERSIDE DR. **CAC002984216**
RIALTO, CA 92376

Click here for full text details

RCRA NonGen / NLR
EPA Id CAC002984216

I46
NE
1/8-1/4
0.155 mi.
821 ft.

Relative:
Higher

WALMART #1862
1610 S RIVERSIDE AVE
RIALTO, CA 92376

CA AST **S113178948**
CA HAZNET **N/A**
CA HWTS

Click here for full text details

CA HAZNET
GEPAID CAR000205393

I47
NE
1/8-1/4
0.155 mi.
821 ft.

Relative:
Higher

WAL-MART STORE #1862
1610 S. RIVERSIDE AVE
RIALTO, CA

CA AST **A100346207**
N/A

Click here for full text details

I48
NE
1/8-1/4
0.155 mi.
821 ft.

Relative:
Higher

WAL-MART #1862
1610 SOUTH RIVERSIDE AVENUE
RIALTO, CA 92376

RCRA-LQG **1012175601**
CAL000098423

Click here for full text details

RCRA-LQG
EPA Id CAL000098423

I49
NE
1/8-1/4
0.155 mi.
821 ft.

Relative:
Higher

AUTOZONE 5214
1610 S RIVERSIDE AVE
RIALTO, CA 92376

RCRA NonGen / NLR **1025877903**
CAL000451041

Click here for full text details

RCRA NonGen / NLR
EPA Id CAL000451041

I50
NE
1/8-1/4
0.155 mi.
821 ft.

Relative:
Higher

WALMART #1862
1610 S RIVERSIDE AVE
RIALTO, CA 92376

RCRA NonGen / NLR **1014387099**
CAR000205393

Click here for full text details

RCRA NonGen / NLR
EPA Id CAR000205393

I51
NE
1/8-1/4
0.155 mi.
821 ft.

Relative:
Higher

DD'S DISCOUNT #5398
1610 S RIVERSIDE AVE STE 102
RIALTO, CA 92376

RCRA NonGen / NLR **1026056602**
CAL000452789

Click here for full text details

RCRA NonGen / NLR
EPA Id CAL000452789

I52
NE
1/8-1/4
0.155 mi.
821 ft.

Relative:
Higher

WAL-MART STORE 1862
1610 S RIVERSIDE AVE
RIALTO, CA 92376

CA CERS HAZ WASTE **S124907833**
CA San Bern. Co. Permit **N/A**
CA HWTS

Click here for full text details

CA San Bern. Co. Permit
Facility Id FA0007198
Facility Status ACTIVE
Facility Status INACTIVE

H53
ENE
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

CHEVRON STATION #6969
101 E VALLEY BLVD
RIALTO, CA 92376

CA UST **U004350320**
N/A

Click here for full text details

CA UST
Facility Id 86008451

H54
ENE
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

CHEVRON 96969
101 E VALLEY BLVD
RIALTO, CA 92376

CA CERS HAZ WASTE **S101591821**
CA CERS TANKS **N/A**
CA FID UST
CA San Bern. Co. Permit
CA CERS
CA HWTS

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CA FID UST
Facility Id 36009223
Status A

CA San Bern. Co. Permit
Facility Id FA0001899
Facility Status ACTIVE

H55
ENE
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

CHEVRON STATION #6969
101 E VALLEY BLVD
RIALTO, CA 92376

CA SWEEPS UST | **U003938912**
N/A

Click here for full text details

CA SWEEPS UST
Status A
Tank Status A
Comp Number 62941

H56
ENE
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

CHEVRON STATION #96969/1479
101 E VALLEY BLVD
RIALTO, CA 92376

CA UST | **U004352103**
N/A

Click here for full text details

CA UST
Facility Id FA0001899

H57
ENE
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

96969
101 E VALLEY BLVD
RIALTO, CA 92376

CA LUST
CA HIST UST
CA Cortese
CA CERS | **U001575517**
N/A

Click here for full text details

CA LUST
Status Completed - Case Closed
Global Id T0607100325

CA HIST UST
Facility Id 00000062941

CA Cortese
Cleanup Status COMPLETED - CASE CLOSED

H58
ENE
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

CHEVRON NO 96969
101 E VALLEY BLVD
RIALTO, CA 92376

RCRA-SQG | **1007200511**
CAP000067413

Click here for full text details

RCRA-SQG
EPA Id CAP000067413

H59
ENE
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

CHEVRON STATION NO 96969
101 E VALLEY BLVD
RIALTO, CA 92376

RCRA-SQG
FINDS
ECHO
CA HAZNET

1005904248
CAR000118208

Click here for full text details

RCRA-SQG
EPA Id CAR000118208

FINDS
Registry ID: 110012544933

ECHO
Registry ID 110012544933

CA HAZNET
GEPAID CAR000118208

J60
WNW
1/8-1/4
0.171 mi.
904 ft.

Relative:
Higher

J.A.C.K DIESEL REPAIR INC
450 W VALLEY BLVD
RIALTO, CA 92376

RCRA NonGen / NLR

1024843838
CAL000395702

Click here for full text details

RCRA NonGen / NLR
EPA Id CAL000395702

J61
WNW
1/8-1/4
0.171 mi.
904 ft.

Relative:
Higher

G N S TRUCK & TRAILER REPAIR
450 W VALLEY
RIALTO, CA 92376

CA CERS HAZ WASTE
CA CERS TANKS
CA HAZNET
CA San Bern. Co. Permit
CA CERS
CA HWTS

S112907103
N/A

Click here for full text details

CA HAZNET
GEPAID CAC002248649

CA San Bern. Co. Permit
Facility Id FA0015467
Facility Id FA0003483
Facility Status ACTIVE
Facility Status INACTIVE

J62
WNW
1/8-1/4
0.171 mi.
904 ft.

Relative:
Higher

J.A.C.K DIESEL REPAIR INC
450 W VALLEY BLVD
RIALTO, CA 92376

CA HAZNET **S102041401**
CA San Bern. Co. Permit **N/A**
CA HWTS

Click here for full text details

CA HAZNET
GEPAID CAL000395702

CA San Bern. Co. Permit
Facility Id FA0008421
Facility Status INACTIVE

J63
WNW
1/8-1/4
0.171 mi.
904 ft.

Relative:
Higher

J.A.C.K. DIESEL REPAIR, INC
450 W VALLEY BLVD
RIALTO, CA 92376

CA AST **A100421076**
N/A

Click here for full text details

J64
WNW
1/8-1/4
0.173 mi.
913 ft.

Relative:
Higher

STEEL UNLIMITED INC
452 W VALLEY BLVD
RIALTO, CA 92376

RCRA NonGen / NLR **1024862904**
CAL000431438

Click here for full text details

RCRA NonGen / NLR
EPA Id CAL000431438

J65
WNW
1/8-1/4
0.173 mi.
913 ft.

Relative:
Higher

STEEL UNLIMITED INC
452 W VALLEY BLVD
RIALTO, CA 92376

CA CERS HAZ WASTE **S107143349**
CA HAZNET **N/A**
CA NPDES
CA San Bern. Co. Permit
CA CIWQS
CA CERS
CA HWTS

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CA HAZNET
GEPAID CAC002863333

CA NPDES
Facility Status Active

CA San Bern. Co. Permit
Facility Id FA0016934
Facility Status ACTIVE

J66
WNW
1/8-1/4
0.173 mi.
913 ft.

Relative:
Higher

STEEL UNLIMITED INC
452 W VALLEY BLVD
RIALTO, CA 92376

Database(s): RCRA-LQG, CA HAZNET, CA HWTS
EDR ID Number: 1012175909
EPA ID Number: CAR000197202

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RCRA-LQG
EPA Id CAR000197202

CA HAZNET
GEPAID CAR000197202

K67
ENE
1/8-1/4
0.196 mi.
1033 ft.

Relative:
Higher

JUST GAS INC
102 E VALLEY BLVD
RIALTO, CA 92376

Database(s): CA SWEEPS UST, CA FID UST
EDR ID Number: S101590968
EPA ID Number: N/A

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CA SWEEPS UST
Comp Number 51115

CA FID UST
Facility Id 36000394
Status I

K68
ENE
1/8-1/4
0.196 mi.
1033 ft.

Relative:
Higher

RIALTO, CITY OF (TEXACO)
102 E VALLEY BLVD
RIALTO, CA 92376

Database(s): CA LUST, CA Cortese, CA CERS
EDR ID Number: S111760398
EPA ID Number: N/A

Click here for full text details

CA LUST
Status Completed - Case Closed
Global Id T0607100101

CA Cortese
Cleanup Status COMPLETED - CASE CLOSED

K69
ENE
1/8-1/4
0.196 mi.
1033 ft.

Relative:
Higher

TEXACO
102 E VALLEY BLVD
RIALTO, CA 92376

Database(s): CA HIST UST
EDR ID Number: S118416008
EPA ID Number: N/A

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K70
ENE
1/8-1/4
0.196 mi.
1037 ft.

Relative:
Higher

MIDAS OF RIALTO LLC
110 E VALLEY BLVD
RIALTO, CA 92376

Database(s): CA CERS HAZ WASTE, CA San Bern. Co. Permit, CA CERS, CA HWTS

EDR ID Number: S124894858
EPA ID Number: N/A

Click here for full text details

CA San Bern. Co. Permit
Facility Id FA0018785
Facility Status ACTIVE

K71
ENE
1/8-1/4
0.196 mi.
1037 ft.

Relative:
Higher

ATV INC AMERICAN TIRE DEPOT
110 E VALLEY BLVD
RIALTO, CA 92376

Database(s): RCRA NonGen / NLR

EDR ID Number: 1024850695
EPA ID Number: CAL000408504

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RCRA NonGen / NLR
EPA Id CAL000408504

J72
WNW
1/8-1/4
0.206 mi.
1090 ft.

Relative:
Higher

IE MENESES INC DBA QUALITY TIRE AUTO SERVICE CENTE
476 W VALLEY BLVD
RIALTO, CA 92376

Database(s): RCRA NonGen / NLR

EDR ID Number: 1024820583
EPA ID Number: CAL000334183

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RCRA NonGen / NLR
EPA Id CAL000334183

L73
East
1/8-1/4
0.209 mi.
1103 ft.

Relative:
Higher

P & S TRUCK CENTER
161 E VALLEY BLVD
RIALTO, CA 92376

Database(s): CA CERS HAZ WASTE, CA SWEEPS UST, CA HIST UST, CA FID UST, CA HAZNET, CA San Bern. Co. Permit, CA CERS, CA HWTS

EDR ID Number: 1000300226
EPA ID Number: N/A

Click here for full text details

CA SWEEPS UST
Status A
Tank Status A
Comp Number 8519

CA HIST UST
Facility Id 00000008519

CA FID UST
Facility Id 36002536
Status A

CA HAZNET

P & S TRUCK CENTER (Continued) **1000300226**

GEPAID CAL000206439

CA San Bern. Co. Permit
Facility Id FA0005146
Facility Status ACTIVE

L74
East
1/8-1/4
0.209 mi.
1103 ft.

Relative:
Higher

P & S TRUCK CENTER **RCRA NonGen / NLR** **1024798864**
161 E VALLEY BLVD **CAL000206439**
RIALTO, CA 92376

Click here for full text details

RCRA NonGen / NLR
EPA Id CAL000206439

J75
WNW
1/8-1/4
0.210 mi.
1111 ft.

Relative:
Higher

PEP BOYS STORE#1669 **RCRA NonGen / NLR** **1024840102**
484 W VALLEY BLVD **CAL000388513**
RIALTO, CA 92376

Click here for full text details

RCRA NonGen / NLR
EPA Id CAL000388513

J76
WNW
1/8-1/4
0.210 mi.
1111 ft.

Relative:
Higher

DISCOUNT TIRE CENTER **CA San Bern. Co. Permit** **S102284947**
484 W VALLEY BLVD **N/A**
RIALTO, CA 92376

Click here for full text details

CA San Bern. Co. Permit
Facility Id FA0002750
Facility Status INACTIVE

J77
WNW
1/8-1/4
0.210 mi.
1111 ft.

Relative:
Higher

PEP BOYS #1669 **CA CERS HAZ WASTE** **S113164415**
484 W VALLEY BLVD **CA San Bern. Co. Permit** **N/A**
RIALTO, CA 92376 **CA CERS**

Click here for full text details

CA San Bern. Co. Permit
Facility Id FA0015475
Facility Status ACTIVE

J78
WNW
1/8-1/4
0.210 mi.
1111 ft.

Relative:
Higher

PEP BOYS #1669
484 W VALLEY RD
RIALTO, CA 92376

RCRA-VSQG **1023966819**
CAR000275180

Click here for full text details

RCRA-VSQG
EPA Id CAR000275180

79
North
1/8-1/4
0.212 mi.
1121 ft.

Relative:
Higher

VERIZON WIRELESS: RIALTO
1531 S WILLOW AVE
RIALTO, CA 92376

CA San Bern. Co. Permit **S104763368**
CA CERS **N/A**

Click here for full text details

CA San Bern. Co. Permit
Facility Id FA0000736
Facility Status ACTIVE

K80
ENE
1/8-1/4
0.237 mi.
1254 ft.

Relative:
Higher

CLUTCH MASTERS INDUSTRIES INC
267 E VALLEY BLVD
RIALTO, CA 92376

CA CERS HAZ WASTE **S102041351**
CA NPDES **N/A**
CA San Bern. Co. Permit
CA CIWQS
CA CERS
CA HWTS

Click here for full text details

CA NPDES
Facility Status Active

CA San Bern. Co. Permit
Facility Id FA0002237
Facility Status ACTIVE

K81
ENE
1/8-1/4
0.237 mi.
1254 ft.

Relative:
Higher

CLUTCH MASTERS IND. INC.
267 E VALLEY BL
RIALTO, CA 92376

RCRA NonGen / NLR **1024790043**
CAL000076368

Click here for full text details

RCRA NonGen / NLR
EPA Id CAL000076368

82
NW
1/8-1/4
0.241 mi.
1271 ft.

Relative:
Higher

DOOR COMPANY OF SAN BERNARDINO
1591 SOUTH LILAC AVENUE
BLOOMINGTON, CA 92316

CA SWEEPS UST **U001574571**
CA HIST UST **N/A**

Click here for full text details

CA SWEEPS UST
Comp Number 9399

DOOR COMPANY OF SAN BERNARDINO (Continued) **U001574571**

CA HIST UST
Facility Id 00000009399

L83
East
1/8-1/4
0.245 mi.
1294 ft.

Relative:
Higher

10-10 TRUCK STOP
195 E VALLEY RIALTO CA 92376
RIALTO, CA 92376

Database(s): **CA SWEEPS UST**
EDR ID Number: **S106922226**
EPA ID Number: **N/A**

Click here for full text details

CA SWEEPS UST
Status A
Tank Status A
Comp Number 57683

L84
East
1/8-1/4
0.245 mi.
1294 ft.

Relative:
Higher

I-10 TRUCK STOP
195 E VALLEY BLVD
RIALTO, CA 92376

Database(s): **CA CERS HAZ WASTE, CA CERS TANKS, CA HAZNET, CA CERS, CA HWTS**
EDR ID Number: **S113076873**
EPA ID Number: **N/A**

Click here for full text details

CA HAZNET
GEPAID CAL000140570

L85
East
1/8-1/4
0.245 mi.
1294 ft.

Relative:
Higher

10-10 TRUCK STOP
195 E VALLEY RIALTO CA
RIALTO, CA 92376

Database(s): **CA FID UST**
EDR ID Number: **S101591815**
EPA ID Number: **N/A**

Click here for full text details

CA FID UST
Facility Id 36009174
Status A

L86
East
1/8-1/4
0.245 mi.
1294 ft.

Relative:
Higher

I 10 TRUCK STOP
195 E VALLEY BLVD
RIALTO, CA 92376

Database(s): **RCRA NonGen / NLR**
EDR ID Number: **1024828187**
EPA ID Number: **CAL000359508**

Click here for full text details

RCRA NonGen / NLR
EPA Id CAL000359508

L87
East
1/8-1/4
0.245 mi.
1294 ft.

Relative:
Higher

10-10 TRUCK STOP
195 E VALLEY RIALTO
RIALTO, CA 92376

Click here for full text details

CA HIST UST
Facility Id 00000057683

CA HIST UST **U001575515**
N/A

L88
East
1/8-1/4
0.245 mi.
1294 ft.

Relative:
Higher

I-10 TRUCK STOP
195 E VALLEY BLVD
RIALTO, CA 92376

Click here for full text details

CA UST
Facility Id FA0003905

CA UST **U004061579**
N/A

M89
North
1/4-1/2
0.287 mi.
1515 ft.

Relative:
Higher

W C BROWN WELDING INC
1485 S WILLOW AVE
RIALTO, CA 92376

Click here for full text details

CA CPS-SLIC
Facility Status Completed - Case Closed
Global Id T10000001676

Click here to access the California GeoTracker records for this facility

CA SWEEPS UST
Status A
Comp Number 27957

CA FID UST
Facility Id 36001650
Status A

CA San Bern. Co. Permit
Facility Id FA0007177
Facility Id FA0011709
Facility Id FA0010122
Facility Status INACTIVE

CA CPS-SLIC **S101591121**
CA SWEEPS UST **N/A**
CA FID UST
CA San Bern. Co. Permit
CA CERS
CA HWTS

M90
North
1/4-1/2
0.287 mi.
1515 ft.

Relative:
Higher

WDLJ SOUTH PROPERTY
1485 SOUTH WILLOW STREET
RIALTO, CA 92316

CA ENVIROSTOR **S118757254**
N/A

Click here for full text details

CA ENVIROSTOR
Facility Id 60001766
Status No Action Required

91
ENE
1/4-1/2
0.293 mi.
1548 ft.

Relative:
Higher

I-10 TRUCK STOP
195 E VALLEY BLVD
RIALTO, CA 92376

CA LUST **U003784644**
CA SWEEPS UST **N/A**
CA Cortese
CA San Bern. Co. Permit
CA CERS
CA HWTS

Click here for full text details

CA LUST
Status Completed - Case Closed
Global Id T10000007268

CA SWEEPS UST
Status A
Tank Status A
Comp Number 8453

CA Cortese
Cleanup Status COMPLETED - CASE CLOSED

CA San Bern. Co. Permit
Facility Id FA0003905
Facility Status ACTIVE

92
SE
1/4-1/2
0.387 mi.
2042 ft.

Relative:
Lower

SOUTHERN PACIFIC RAILYARD
200 MARION WAY
BLOOMINGTON, CA 92316

CA LUST **S100676364**
CA Toxic Pits **N/A**
CA SWEEPS UST
CA Cortese
CA EMI
CA HIST CORTESE
CA CERS

Click here for full text details

CA LUST
Global ID T0607100106
Facility Status Case Closed
Status Completed - Case Closed
Global Id T0607100106

CA Toxic Pits
Status CLOSED
Task # 88005
Closure Date 02/21/91

SOUTHERN PACIFIC RAILYARD (Continued) **S100676364**

CA SWEEPS UST
Status A
Tank Status A
Comp Number 5231

CA Cortese
Cleanup Status COMPLETED - CASE CLOSED

CA EMI
Facility Id 1625

CA HIST CORTESE
Reg Id 083600986T

93
ENE
1/4-1/2
0.431 mi.
2278 ft.

Relative: Higher

TELCO FOODS **CA LUST** **S108723555**
2111 VALLEY BOULEVARD WEST **CA Cortese** **N/A**
COLTON, CA 92324 **CA CERS**

Click here for full text details

CA LUST
Status Completed - Case Closed
Global Id T0607105014

CA Cortese
Cleanup Status COMPLETED - CASE CLOSED

94
West
1/2-1
0.504 mi.
2660 ft.

Relative: Higher

CACTUS MIDDLE SCHOOL **CA ENVIROSTOR** **S105628851**
VALLEY BOULEVARD/CACTUS AVENUE **CA SCH** **N/A**
RIALTO, CA 92316 **CA CERS**

Click here for full text details

CA ENVIROSTOR
Facility Id 36010034
Status No Further Action

CA SCH
Facility Id 36010034
Status No Further Action

95
WNW
1/2-1
0.524 mi.
2765 ft.

Relative:
Higher

CACTUS ELEMENTARY SCHOOL
10050 CACTUS AVENUE
RIALTO, CA 92316

CA ENVIROSTOR **S105628841**
CA SCH **N/A**
CA CERS

Click here for full text details

CA ENVIROSTOR
Facility Id 36010024
Status No Further Action

CA SCH
Facility Id 36010024
Status No Further Action

96
South
1/2-1
0.545 mi.
2875 ft.

Relative:
Lower

HAZMAT TSDF INC, FORMER FILTER RECYCLING SERVICES
180 WEST MONTE AVENUE
RIALTO, CA 92316

CORRACTS **1000473043**
RCRA-SQG **CAD982444481**
CA ENVIROSTOR
US FIN ASSUR
CA HAZNET
CA ICE
CA HWP
CA WDS
CA CERS
CA HWTS

Click here for full text details

CORRACTS
EPA ID: CAD982444481

RCRA-SQG
EPA Id CAD982444481

CA ENVIROSTOR
Facility Id 80001495
Status Inactive - Needs Evaluation

US FIN ASSUR
EPA ID CAD982444481

CA HAZNET
GEPAID CAD982444481

CA HWP
Cleanup Status OPERATING PERMIT
EPA ID CAD982444481

CA WDS
Facility Id 8 36I012307
Facility Status Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

97
SSE
1/2-1
0.616 mi.
3250 ft.

Relative:
Lower

FONTANA PLATING FACILITY
130 WEST MINDANAO STREET
BLOOMINGTON, CA 92316

CA ENVIROSTOR **S113177665**
CA VCP **N/A**
CA HAZNET
CA HWTS

Click here for full text details

CA ENVIROSTOR
Facility Id 60002429
Status Active

CA VCP
Facility Id 60002429
Status Active

CA HAZNET
GEPAID CAR000156927

98
WSW
1/2-1
0.871 mi.
4601 ft.

Relative:
Lower

SOUTHERN PACIFIC TRANSPORTATION COMPANY
19100 SLOVER AVENUE
BLOOMINGTON, CA 92316

CA ENVIROSTOR **S105640256**
CA CHMIRS **N/A**

Click here for full text details

CA ENVIROSTOR
Facility Id 36370027
Status No Further Action

CA CHMIRS
OES Incident Number 17-0511
OES Incident Number 15-2649
OES Incident Number 15-2702
OES Incident Number 20-3942
OES Incident Number 4-5301
OES Incident Number 4-6619
OES Incident Number 17-1085
OES Incident Number 4-5477
OES Incident Number 08506
OES Incident Number 20-4885
OES Incident Number 20-4807
OES Incident Number 15-0269
OES Incident Number 4-0114
OES Incident Number 4-0153
OES Incident Number 12-0446
OES Incident Number 12-0447
OES Incident Number 20-6920
OES Incident Number 15-1418
OES Incident Number 17-1697
OES Incident Number 17-1694
OES Incident Number 10-7689
OES Incident Number 1-6945
OES Incident Number 17-0813
OES Incident Number 4-3976
OES Incident Number 4-3994
OES Incident Number 4-4000

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued) **S105640256**

OES Incident Number 4-4016
OES Incident Number 15-0436
OES Incident Number 4-3859
OES Incident Number 4-3742

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	AQUEOUS FOAM	Former Fire Training Facility Assessments Listing	State Water Resources Control Board	12/01/2019	08/19/2021	10/28/2021
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	09/20/2021	09/21/2021	12/08/2021
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2019	01/20/2021	04/08/2021
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	07/15/2021	07/15/2021	10/06/2021
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	07/15/2021	07/15/2021	10/06/2021
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	07/15/2021	07/15/2021	10/06/2021
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	06/30/2021	07/15/2021	10/06/2021
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	08/30/2021	08/31/2021	11/19/2021
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	09/20/2021	09/21/2021	12/08/2021
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	05/01/2019	05/14/2019	07/17/2019
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	08/30/2021	08/31/2021	11/19/2021
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	08/24/2021	08/25/2021	11/17/2021
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	08/18/2021	08/23/2021	11/12/2021
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/27/2021	09/01/2021	11/19/2021
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2019	06/10/2021	08/27/2021
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	04/16/2021	04/20/2021	07/07/2021
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	07/22/2021	07/22/2021	10/08/2021
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	04/14/2021	04/15/2021	07/06/2021
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	08/13/2021	08/13/2021	11/05/2021
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	09/14/2021	11/11/2021	11/23/2021
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2019	04/15/2020	07/02/2020
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	08/13/2021	08/13/2021	11/08/2021
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	07/01/2021	07/01/2021	09/24/2021
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	07/13/2021	07/14/2021	10/06/2021
CA	ICE	ICE	Department of Toxic Subsances Control	08/13/2021	08/13/2021	11/08/2021
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	09/07/2021	09/07/2021	11/29/2021
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	08/25/2021	09/03/2021	11/22/2021
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	MINES	Mines Site Location Listing	Department of Conservation	09/07/2021	09/07/2021	11/29/2021
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	08/05/2021	08/31/2021	11/19/2021
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	03/12/2021	03/16/2021	06/01/2021
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	05/10/2021	05/11/2021	07/27/2021
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	08/30/2021	08/31/2021	11/19/2021
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	09/07/2021	09/08/2021	12/01/2021
CA	PROC	Certified Processors Database	Department of Conservation	06/04/2021	06/04/2021	08/27/2021
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	07/22/2021	07/22/2021	10/08/2021
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	08/05/2021	08/05/2021	10/29/2021
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	07/22/2021	07/22/2021	10/08/2021
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	08/09/2021	08/10/2021	11/05/2021
CA	SWRCY	Recycler Database	Department of Conservation	09/07/2021	09/08/2021	11/29/2021
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	06/03/2021	06/03/2021	08/25/2021
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	09/07/2021	09/07/2021	11/29/2021
CA	UST	Active UST Facilities	SWRCB	09/07/2021	09/07/2021	11/30/2021
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	08/18/2021	09/08/2021	12/03/2021
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	07/22/2021	07/22/2021	10/08/2021
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	02/11/2021	07/01/2021	09/29/2021
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	09/07/2021	09/08/2021	12/01/2021
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	06/15/2021	06/16/2021	08/17/2021
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2017	06/22/2020	11/20/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2019	12/01/2020	02/09/2021
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2021	07/14/2021	07/16/2021
US	CORRACTS	Corrective Action Report	EPA	09/13/2021	09/15/2021	10/12/2021
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPL	National Priority List Deletions	EPA	10/20/2021	11/05/2021	11/29/2021
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	06/26/2021	07/01/2021	09/28/2021
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/14/2021	06/17/2021	08/17/2021
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/25/2021	06/24/2021	09/20/2021
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/29/2021	02/17/2021	03/22/2021
US	FINDS	Facility Index System/Facility Registry System	EPA	05/05/2021	05/18/2021	08/17/2021
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	08/10/2021	08/17/2021	10/22/2021
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/13/2021	08/13/2021	10/22/2021
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	07/26/2021	07/27/2021	10/22/2021
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	09/12/2021	09/13/2021	09/28/2021
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/28/2021	06/11/2021	09/07/2021
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/27/2021	06/11/2021	09/07/2021
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/06/2021	06/11/2021	09/07/2021
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	05/17/2021	06/11/2021	09/07/2021
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	06/01/2021	06/11/2021	09/07/2021
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/27/2021	06/11/2021	09/07/2021
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	05/27/2021	06/11/2021	09/07/2021
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/28/2021	06/11/2021	09/07/2021
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/27/2021	06/11/2021	09/07/2021
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/06/2021	06/11/2021	09/07/2021
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/17/2021	06/11/2021	09/07/2021
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	06/01/2021	06/11/2021	09/07/2021
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/27/2021	06/11/2021	09/07/2021
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	05/27/2021	06/11/2021	09/07/2021

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	10/20/2021	11/05/2021	11/29/2021
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	10/20/2021	11/05/2021	11/29/2021
US	LUCIS	Land Use Control Information System	Department of the Navy	07/12/2021	08/06/2021	10/22/2021
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	06/30/2021	07/01/2021	09/28/2021
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	07/29/2021	08/24/2021	11/19/2021
US	NPL	National Priority List	EPA	10/20/2021	11/05/2021	11/29/2021
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	11/19/2020	01/08/2021	03/22/2021
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	07/14/2011	08/05/2011	09/29/2011
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
US	PCS INACTIVE	Listing of Inactive PCS Permits	EPA	11/05/2014	01/06/2015	05/06/2015
US	PRP	Potentially Responsible Parties	EPA	12/30/2020	01/14/2021	03/05/2021
US	Proposed NPL	Proposed National Priority List Sites	EPA	10/20/2021	11/05/2021	11/29/2021
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
US	RMP	Risk Management Plans	Environmental Protection Agency	10/20/2021	11/05/2021	11/12/2021
US	ROD	Records Of Decision	EPA	10/20/2021	11/05/2021	11/29/2021
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	10/20/2021	11/05/2021	11/29/2021
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	10/20/2021	11/05/2021	11/29/2021
US	SSTS	Section 7 Tracking Systems	EPA	07/19/2021	07/19/2021	10/12/2021
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/10/2021	06/10/2021	08/17/2021
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/18/2021	05/18/2021	08/03/2021
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	08/23/2021	08/23/2021	11/12/2021
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/13/2021	09/15/2021	09/28/2021
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/18/2021	05/18/2021	08/03/2021
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	08/23/2021	08/23/2021	11/12/2021
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/09/2021	08/24/2021	11/19/2021
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2018	07/02/2020	09/17/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/23/2021	08/10/2021	11/08/2021
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	04/29/2020	07/10/2020
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2019	02/11/2021	02/24/2021
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
CA	Daycare Centers	Sensitive Receptor: Licensed Facilities	Department of Social Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
CA	State Wetlands	Wetland Inventory	Department of Fish and Wildlife			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1743 S WILLOW AVE
1743 S WILLOW AVE
RIALTO, CA 92376

TARGET PROPERTY COORDINATES

Latitude (North):	34.069227 - 34ˆ 4’ 9.22’’
Longitude (West):	117.373783 - 117ˆ 22’ 25.62’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	465509.1
UTM Y (Meters):	3769700.2
Elevation:	1057 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12016021 SAN BERNARDINO SOUTH, CA
Version Date:	2018
West Map:	12015969 FONTANA, CA
Version Date:	2018

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

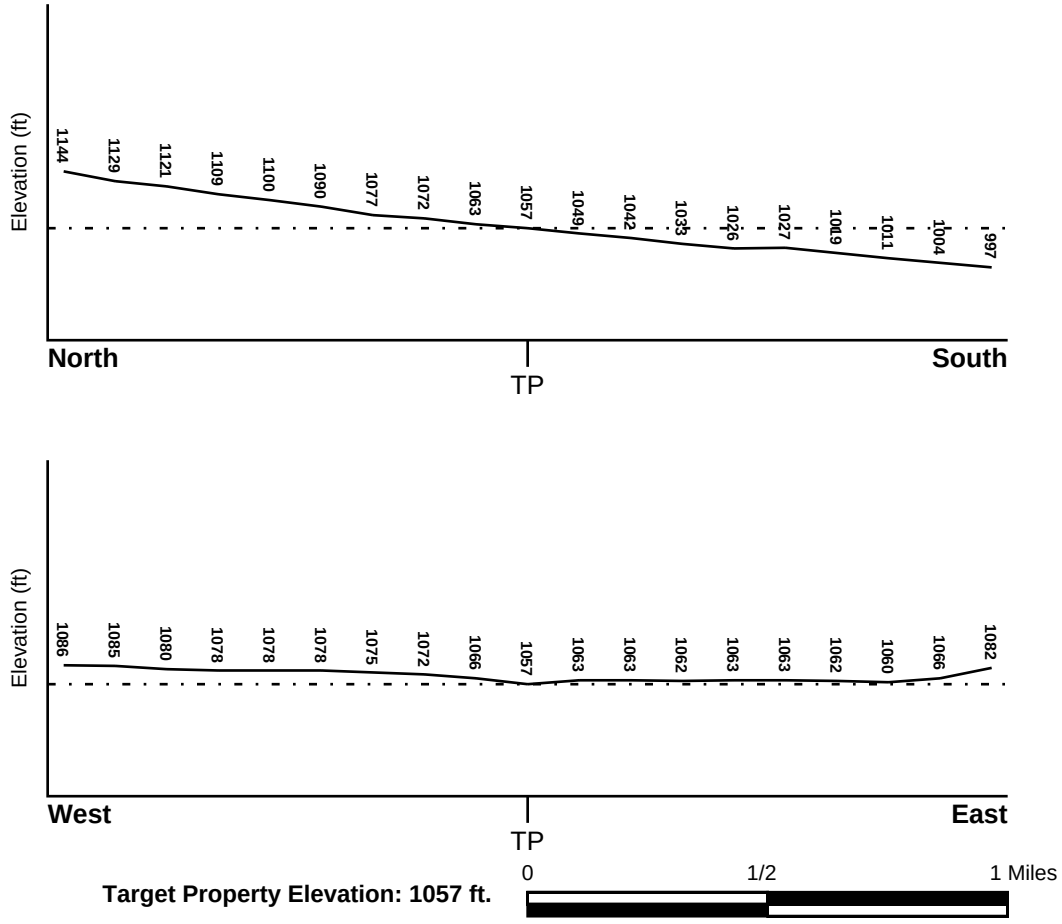
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06071C8678H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06071C8659H	FEMA FIRM Flood data
06065C0045G	FEMA FIRM Flood data
06065C0065G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/8 - 1/4 Mile NE	SE
1G	1/8 - 1/4 Mile NE	SE

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

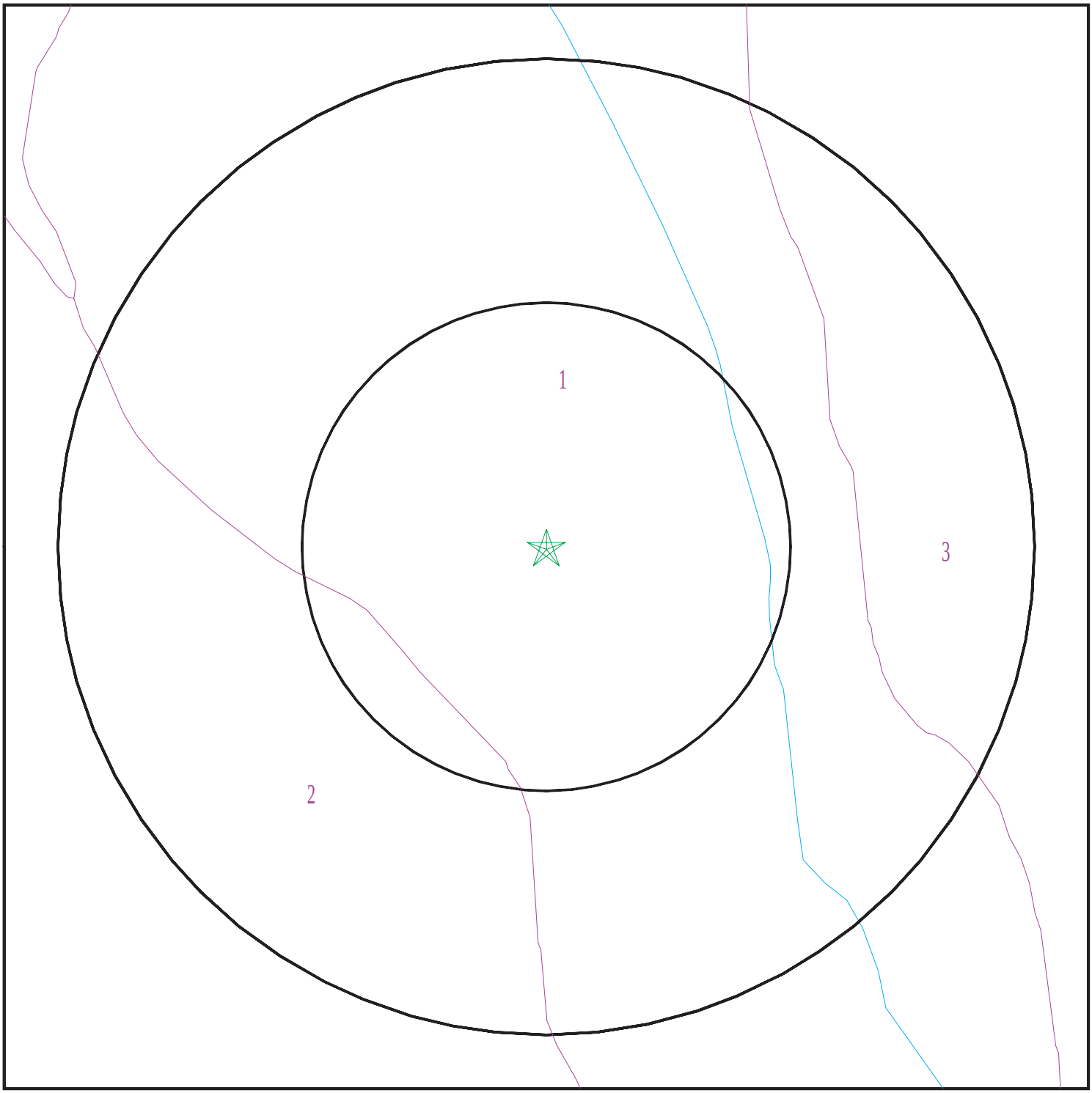
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6787826.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	1743 S Willow Ave	CLIENT:	Hazard Management Consulting
ADDRESS:	1743 S Willow Ave Rialto CA 92376	CONTACT:	Troy Taylor
LAT/LONG:	34.069227 / 117.373783	INQUIRY #:	6787826.2s
		DATE:	December 14, 2021 3:59 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: TUJUNGA

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	35 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1
2	35 inches	59 inches	gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1

Soil Map ID: 2

Soil Component Name: Hanford

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	11 inches	59 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6

Soil Map ID: 3

Soil Component Name: DELHI

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
2	18 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A4	USGS40000140418	1/4 - 1/2 Mile SSE
C12	USGS40000140507	1/4 - 1/2 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I23	USGS40000140645	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	CADWR0000033821	1/8 - 1/4 Mile NW
A3	CADWR0000028960	1/4 - 1/2 Mile SSE
B5	1005	1/4 - 1/2 Mile ESE
B6	1006	1/4 - 1/2 Mile ESE
7	CADWR0000037354	1/4 - 1/2 Mile NNW
B8	CADDW0000008692	1/4 - 1/2 Mile ESE
B9	CADDW0000001861	1/4 - 1/2 Mile ESE
C10	CAUSGSN00002625	1/4 - 1/2 Mile East
C11	CAUSGS000002136	1/4 - 1/2 Mile East
13	CADWR0000029055	1/4 - 1/2 Mile SW
C14	CADDW0000022305	1/2 - 1 Mile East
D15	CAEDF0000057262	1/2 - 1 Mile SSE
E16	CAEDF0000036670	1/2 - 1 Mile SE
F17	CAEDF0000091880	1/2 - 1 Mile SSE
E18	CAEDF0000132592	1/2 - 1 Mile SE
19	CADWR0000019493	1/2 - 1 Mile East
G20	CAEDF0000075381	1/2 - 1 Mile SE
H21	CAEDF0000085723	1/2 - 1 Mile SE
G22	CAEDF0000013108	1/2 - 1 Mile SE
I24	CAUSGSN00014189	1/2 - 1 Mile NE
G25	CAEDF0000083878	1/2 - 1 Mile SE
D26	CAEDF0000059429	1/2 - 1 Mile SSE
27	CADWR0000020558	1/2 - 1 Mile ENE
D28	CAEDF0000110808	1/2 - 1 Mile SSE
E29	CAEDF0000082567	1/2 - 1 Mile SE
F30	CAEDF0000054324	1/2 - 1 Mile SSE
E31	CAEDF0000059733	1/2 - 1 Mile ESE
J32	CAEDF0000018288	1/2 - 1 Mile ESE
K33	CAEDF0000009148	1/2 - 1 Mile ESE
L34	CAEDF0000076224	1/2 - 1 Mile SSE
H35	CAEDF0000018093	1/2 - 1 Mile SE
G36	CAEDF0000095285	1/2 - 1 Mile SSE
L37	CAEDF0000073972	1/2 - 1 Mile SSE
M38	CAEDF0000111570	1/2 - 1 Mile SSE
J39	CAEDF0000063523	1/2 - 1 Mile ESE
G40	CAEDF0000134673	1/2 - 1 Mile SE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G41	CAEDF0000135910	1/2 - 1 Mile SE
H42	CAEDF0000143458	1/2 - 1 Mile SE
H43	CAEDF0000075377	1/2 - 1 Mile SE
L44	CAEDF0000061282	1/2 - 1 Mile SSE
J45	CAEDF0000121440	1/2 - 1 Mile ESE
G46	CAEDF0000133476	1/2 - 1 Mile SE
L47	CAEDF0000092677	1/2 - 1 Mile SSE
K48	CAEDF0000020589	1/2 - 1 Mile SE
M49	CAEDF0000002428	1/2 - 1 Mile SE
L50	CAEDF0000053799	1/2 - 1 Mile SSE
J51	CAEDF0000075540	1/2 - 1 Mile ESE
L52	CAEDF0000076371	1/2 - 1 Mile SSE
J53	CAEDF0000080784	1/2 - 1 Mile ESE
L54	CAEDF0000002710	1/2 - 1 Mile SSE
K55	CAEDF0000127044	1/2 - 1 Mile SE
K56	CAEDF0000100784	1/2 - 1 Mile ESE
M57	CAEDF0000019731	1/2 - 1 Mile SSE
N58	CAEDF0000099229	1/2 - 1 Mile SSE
L59	CAEDF0000039555	1/2 - 1 Mile SSE
K60	CAEDF0000119520	1/2 - 1 Mile SE
L61	CAEDF0000040685	1/2 - 1 Mile SSE
N62	CAEDF0000061739	1/2 - 1 Mile SSE
O63	CAEDF0000079622	1/2 - 1 Mile SE
L64	CAEDF0000058960	1/2 - 1 Mile SSE
O65	CAEDF0000015260	1/2 - 1 Mile SE
P66	CAEDF0000110979	1/2 - 1 Mile ESE
M67	CAEDF0000061505	1/2 - 1 Mile SSE
N68	CAEDF0000117402	1/2 - 1 Mile SSE
N69	CAEDF0000141187	1/2 - 1 Mile SSE
N70	CAEDF0000093794	1/2 - 1 Mile SSE
O71	CAEDF0000109907	1/2 - 1 Mile SSE
P72	CAEDF0000033648	1/2 - 1 Mile ESE
Q73	CAEDF0000115867	1/2 - 1 Mile SSE
N74	CAEDF0000069870	1/2 - 1 Mile SSE
N75	CAEDF0000119105	1/2 - 1 Mile SSE
N76	CAEDF0000110294	1/2 - 1 Mile SSE
N77	CAEDF0000138727	1/2 - 1 Mile SSE
P78	CAEDF0000093655	1/2 - 1 Mile ESE
O79	CAEDF0000044389	1/2 - 1 Mile SE
Q80	CAEDF0000069017	1/2 - 1 Mile SSE
O81	CAEDF0000068420	1/2 - 1 Mile SE
O82	CAEDF0000067235	1/2 - 1 Mile SE
Q83	CAEDF0000077322	1/2 - 1 Mile SSE
N84	CAEDF0000124244	1/2 - 1 Mile SSE
N85	CAEDF0000104567	1/2 - 1 Mile SSE
N86	CAEDF0000088859	1/2 - 1 Mile SSE
Q87	CAEDF0000065853	1/2 - 1 Mile SSE
Q88	CAEDF0000023999	1/2 - 1 Mile SSE
Q89	CAEDF0000140845	1/2 - 1 Mile SSE
O90	CAEDF0000140316	1/2 - 1 Mile SE
N91	CAEDF0000127757	1/2 - 1 Mile SSE
N92	CAEDF0000060118	1/2 - 1 Mile SSE

STATE DATABASE WELL INFORMATION

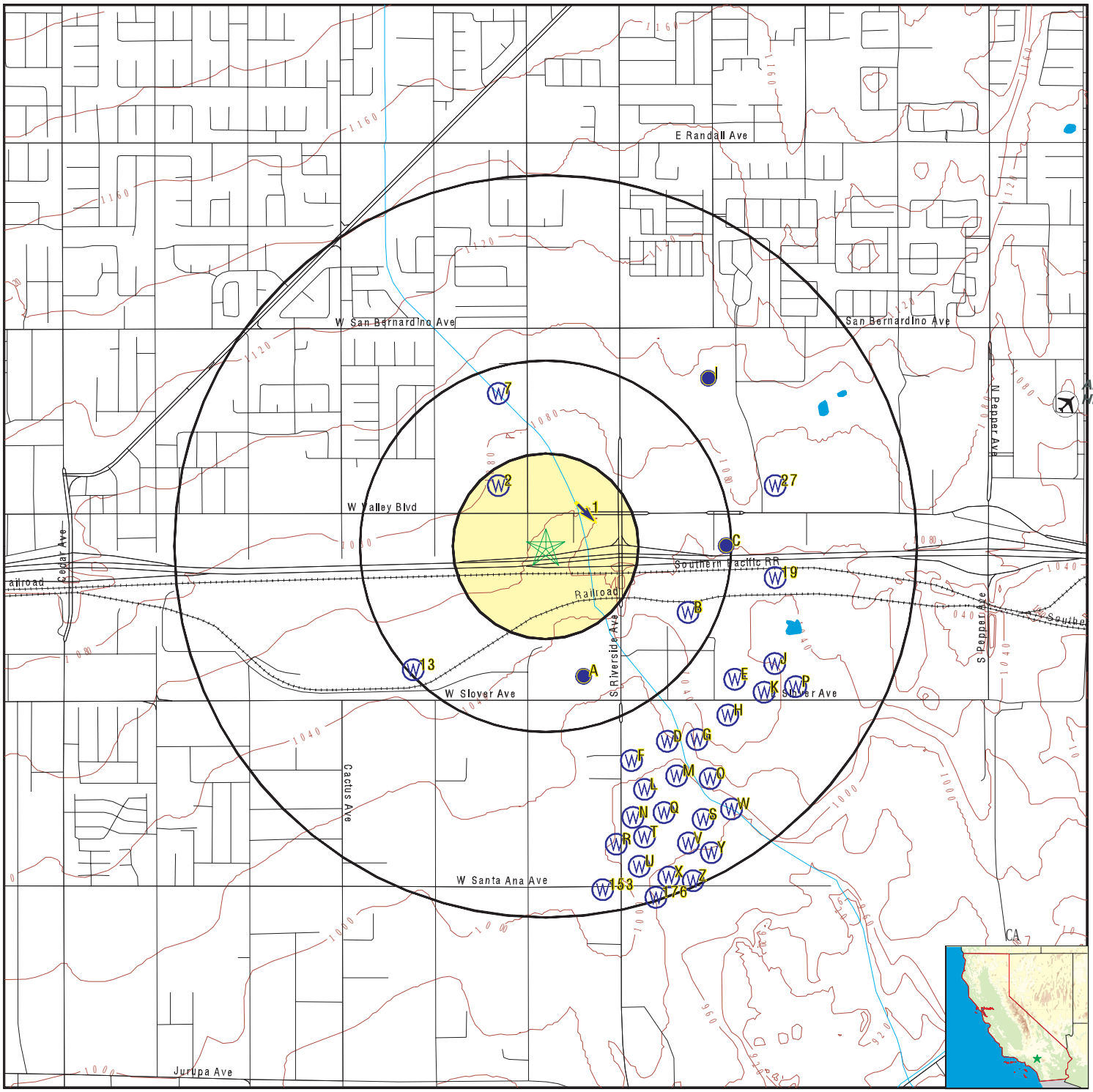
MAP ID	WELL ID	LOCATION FROM TP
Q93	CAEDF0000123041	1/2 - 1 Mile SSE
Q94	CAEDF0000104274	1/2 - 1 Mile SSE
Q95	CAEDF0000032554	1/2 - 1 Mile SSE
N96	CAEDF0000133765	1/2 - 1 Mile SSE
N97	CAEDF0000073134	1/2 - 1 Mile SSE
N98	CAEDF0000042633	1/2 - 1 Mile SSE
N99	CAEDF0000077167	1/2 - 1 Mile SSE
N100	CAEDF0000091878	1/2 - 1 Mile SSE
Q101	CAEDF0000139602	1/2 - 1 Mile SSE
Q102	CAEDF0000123538	1/2 - 1 Mile SSE
O103	CAEDF0000048082	1/2 - 1 Mile SSE
R104	CAEDF0000103812	1/2 - 1 Mile South
R105	CAEDF0000075996	1/2 - 1 Mile South
P106	CAEDF0000103331	1/2 - 1 Mile ESE
O107	CAEDF0000057961	1/2 - 1 Mile SE
P108	CAEDF0000121109	1/2 - 1 Mile ESE
R109	CAEDF0000122557	1/2 - 1 Mile SSE
R110	CAEDF0000113734	1/2 - 1 Mile SSE
S111	CAEDF0000130825	1/2 - 1 Mile SSE
Q112	CAEDF0000042632	1/2 - 1 Mile SSE
T113	CAEDF0000092230	1/2 - 1 Mile SSE
T114	CAEDF0000044889	1/2 - 1 Mile SSE
T115	CAEDF0000004768	1/2 - 1 Mile SSE
T116	CAEDF0000049005	1/2 - 1 Mile SSE
T117	CAEDF0000073133	1/2 - 1 Mile SSE
Q118	CAEDF0000050532	1/2 - 1 Mile SSE
Q119	CAEDF0000094036	1/2 - 1 Mile SSE
T120	CAEDF0000142976	1/2 - 1 Mile SSE
T121	CAEDF0000125652	1/2 - 1 Mile SSE
R122	CAEDF0000137412	1/2 - 1 Mile SSE
R123	CAEDF0000110754	1/2 - 1 Mile SSE
S124	CAEDF0000129519	1/2 - 1 Mile SSE
T125	CAEDF0000007515	1/2 - 1 Mile SSE
S126	CAEDF0000069714	1/2 - 1 Mile SSE
S127	CAEDF0000059731	1/2 - 1 Mile SSE
U128	CAEDF0000143894	1/2 - 1 Mile SSE
V129	CAEDF0000089533	1/2 - 1 Mile SSE
U130	CAEDF0000036070	1/2 - 1 Mile SSE
T131	CAEDF0000078310	1/2 - 1 Mile SSE
R132	CAEDF0000000024	1/2 - 1 Mile SSE
R133	CAEDF0000111030	1/2 - 1 Mile SSE
W134	CAEDF0000054326	1/2 - 1 Mile SE
T135	CAEDF0000133957	1/2 - 1 Mile SSE
W136	CAEDF0000110463	1/2 - 1 Mile SE
S137	CAEDF0000132738	1/2 - 1 Mile SSE
S138	CAEDF0000019926	1/2 - 1 Mile SSE
V139	CAEDF0000106129	1/2 - 1 Mile SSE
V140	CAEDF0000133955	1/2 - 1 Mile SSE
U141	CAEDF0000138400	1/2 - 1 Mile SSE
U142	CAEDF0000094335	1/2 - 1 Mile SSE
U143	CAEDF0000073611	1/2 - 1 Mile SSE
U144	CAEDF0000094337	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
U145	CAEDF0000050920	1/2 - 1 Mile SSE
X146	CAEDF0000107396	1/2 - 1 Mile SSE
V147	CADWR0000009896	1/2 - 1 Mile SSE
X148	CAEDF0000023899	1/2 - 1 Mile SSE
U149	CAEDF0000109832	1/2 - 1 Mile SSE
U150	CAEDF0000091716	1/2 - 1 Mile SSE
Y151	CAEDF0000132776	1/2 - 1 Mile SSE
X152	CAEDF0000094336	1/2 - 1 Mile SSE
153	CAEDF0000132775	1/2 - 1 Mile South
X154	CAEDF0000097526	1/2 - 1 Mile SSE
Y155	CAEDF0000110801	1/2 - 1 Mile SSE
X156	CAEDF0000062573	1/2 - 1 Mile SSE
X157	CAEDF0000071816	1/2 - 1 Mile SSE
X158	CAEDF0000079621	1/2 - 1 Mile SSE
X159	CAEDF0000062572	1/2 - 1 Mile SSE
X160	CAEDF0000067233	1/2 - 1 Mile SSE
X161	CAEDF0000047366	1/2 - 1 Mile SSE
X162	CAEDF0000004024	1/2 - 1 Mile SSE
X163	CAEDF0000140857	1/2 - 1 Mile SSE
X164	CAEDF0000126260	1/2 - 1 Mile SSE
X165	CAEDF0000122517	1/2 - 1 Mile SSE
X166	CAEDF0000049450	1/2 - 1 Mile SSE
X167	CAEDF0000015637	1/2 - 1 Mile SSE
X168	CAEDF0000080783	1/2 - 1 Mile SSE
X169	CAEDF0000112515	1/2 - 1 Mile SSE
X170	CAEDF0000051374	1/2 - 1 Mile SSE
X171	CAEDF0000036671	1/2 - 1 Mile SSE
X172	CAEDF0000062119	1/2 - 1 Mile SSE
X173	CAEDF0000061046	1/2 - 1 Mile SSE
Z174	CAEDF0000038144	1/2 - 1 Mile SSE
Z175	CAEDF0000033049	1/2 - 1 Mile SSE
176	CAEDF0000126920	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 6787826.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	1743 S Willow Ave	CLIENT:	Hazard Management Consulting
ADDRESS:	1743 S Willow Ave Rialto CA 92376	CONTACT:	Troy Taylor
		INQUIRY #:	6787826.2s
LAT/LONG:	34.069227 / 117.373783	DATE:	December 14, 2021 3:59 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 **NE** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**51030**
2 **NW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR0000033821**
A3 **SSE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR0000028960**
A4 **SSE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000140418**
B5 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**CA WELLS**	**1005**
B6 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**CA WELLS**	**1006**
7 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR0000037354**
B8 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADDW0000008692**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B9 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADDW0000001861**
C10 **East** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAUSGSN00002625**
C11 **East** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAUSGS000002136**
C12 **East** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000140507**
13 **SW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR0000029055**
C14 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADDW0000022305**
D15 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000057262**
E16 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000036670**
F17 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000091880**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
E18 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000132592**
19 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR0000019493**
G20 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000075381**
H21 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000085723**
G22 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000013108**
I23 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000140645**
I24 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAUSGSN00014189**
G25 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000083878**
D26 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000059429**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
27 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR0000020558**
D28 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000110808**
E29 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000082567**
F30 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000054324**
E31 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000059733**
J32 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000018288**
K33 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000009148**
L34 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000076224**
H35 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000018093**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
G36 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000095285**
L37 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000073972**
M38 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000111570**
J39 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000063523**
G40 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000134673**
G41 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000135910**
H42 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000143458**
H43 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000075377**
L44 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000061282**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
J45 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000121440**
G46 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000133476**
L47 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000092677**
K48 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000020589**
M49 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000002428**
L50 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000053799**
J51 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000075540**
L52 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000076371**
J53 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000080784**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
L54 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000002710**
K55 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000127044**
K56 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000100784**
M57 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000019731**
N58 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000099229**
L59 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000039555**
K60 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000119520**
L61 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000040685**
N62 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000061739**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
O63 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000079622**
L64 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000058960**
O65 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000015260**
P66 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000110979**
M67 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000061505**
N68 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000117402**
N69 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000141187**
N70 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000093794**
O71 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000109907**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
P72 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000033648**
Q73 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000115867**
N74 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000069870**
N75 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000119105**
N76 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000110294**
N77 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000138727**
P78 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000093655**
O79 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000044389**
Q80 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000069017**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
O81 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000068420**
O82 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000067235**
Q83 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000077322**
N84 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000124244**
N85 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000104567**
N86 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000088859**
Q87 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000065853**
Q88 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000023999**
Q89 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000140845**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
O90 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000140316**
N91 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000127757**
N92 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000060118**
Q93 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000123041**
Q94 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000104274**
Q95 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000032554**
N96 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000133765**
N97 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000073134**
N98 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000042633**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
N99 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000077167**
N100 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000091878**
Q101 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000139602**
Q102 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000123538**
O103 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000048082**
R104 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000103812**
R105 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000075996**
P106 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000103331**
O107 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000057961**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
P108 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000121109**
R109 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000122557**
R110 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000113734**
S111 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000130825**
Q112 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000042632**
T113 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000092230**
T114 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000044889**
T115 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000004768**
T116 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000049005**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
T117 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000073133**
Q118 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000050532**
Q119 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000094036**
T120 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000142976**
T121 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000125652**
R122 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000137412**
R123 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000110754**
S124 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000129519**
T125 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000007515**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
S126 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000069714**
S127 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000059731**
U128 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000143894**
V129 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000089533**
U130 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000036070**
T131 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000078310**
R132 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000000024**
R133 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000111030**
W134 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000054326**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
T135 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000133957**
W136 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000110463**
S137 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000132738**
S138 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000019926**
V139 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000106129**
V140 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000133955**
U141 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000138400**
U142 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000094335**
U143 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000073611**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
U144 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000094337**
U145 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000050920**
X146 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000107396**
V147 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR0000009896**
X148 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000023899**
U149 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000109832**
U150 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000091716**
Y151 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000132776**
X152 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000094336**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
153 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000132775**
X154 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000097526**
Y155 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000110801**
X156 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000062573**
X157 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000071816**
X158 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000079621**
X159 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000062572**
X160 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000067233**
X161 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000047366**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
X162 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000004024**
X163 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000140857**
X164 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000126260**
X165 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000122517**
X166 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000049450**
X167 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000015637**
X168 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000080783**
X169 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000112515**
X170 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000051374**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
X171 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000036671**
X172 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000062119**
X173 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000061046**
Z174 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000038144**
Z175 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000033049**
176 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000126920**
1G **NE** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**51030**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92376	12	0

Federal EPA Radon Zone for SAN BERNARDINO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX C

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT

620 South "E" Street ● San Bernardino, CA 92415-0153 ● (909) 386-8401 ● Fax (909) 386-8460

Office of the Fire Marshal
Hazardous Materials Section
sbcfire.org

Daniel R. Munsey
Fire Chief/Fire Warden

Michael A. Horton
Fire Marshal/Deputy Fire Warden

December 29, 2021

21121705 Rialto RAL HMC

HAZARD MANAGEMENT CONSULTING
211 WEST AVENIDA CORDOBA
SAN CLEMENTE, CA 92672

ATTENTION: TROY TAYLOR

SUBJECT: CERTIFIED RECORD SEARCH FINDINGS
285 AND 1743 SOUTH WILLOW AVENUE; AND 213, 241, 253, AND 261 WEST VALLEY BOULEVARD, RIALTO, CALIFORNIA

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The file(s) shown below have been retrieved for review. If you wish to view the original documents, please e-mail this office at hazmatrecords@sbcfire.org to arrange an appointment.

ACTIVE PERMIT FACILITIES: (Regulatory files for facilities with annual operating permits to maintain underground storage tanks, handle hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

No record of active permit facilities identified in this search.

INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES: (Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

Clem-Trans Inc. 213 W. Valley Blvd. Rialto	FA0002227 ~ Est. # 86009109 ~ CERS ID. 10037710 Special Generator Permit Special Handler Permit Underground Storage Tank Permits
Grumpy's Auto Body 1743 S. Willow Rialto	Est. # 85005183 Hazardous Waste Generator Permit

BOARD OF DIRECTORS

Col. Paul Cook (Ret.), First District
Janice Rutherford, Second District
Dawn Rowe, Vice Chair, Third District
Curt Hagman, Chairman, Fourth District
Joe Baca Jr., Fifth District

Leonard X. Hernandez
Chief Executive Officer

Tim's Mobil Truck Repair 1743 S. Willow Rialto	Est. # 87013028 Hazardous Waste Generator Permit Hazmat Handler Permit Underground Storage Tank Permit

PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND STORAGE TANKS:

Clem-Trans 213 W. Valley Blvd. Rialto	Issued 03/02/2000 Removal (2) diesel – Removed 03/20/2000 Log # 030200-01 ~ Job Card # 6340
Tim's Mobil Truck Repair 1743 S. Willow Rialto	Issued 06/14/1990 Removal (1) – Removal 06/15/1990 Log # 061490-04 ~ Job Card # 2424

HAZARDOUS MATERIAL INCIDENT AND/OR COMPLAINT RESPONSE ACTIVITY: (other records of spill notifications and/or complaints not listed below may also exist in facility permit files).

Chem-Trans 213 W. Valley Blvd. Rialto	Case # 932200009 01/14/1993 Oil and diesel all over ground. Inspection done on 02/16/1993 Area of contamination limited to 10x20 plus 20x20 areas off service way and around pumps. Contaminated soil to be removed and new soil to be spread around yard and aerate. Case closed.
Clem-Trans Repair 213 W. Valley Blvd. Rialto	Case # 902200176 05/24/1990 Complaint: Washing down oily truck parts onto soil. Suspect diesel fuel operation. Inspection done on 06/12/1990 Inspector directed them to stop steam cleaning engines. They Were steam cleaning them in the back of the building and Letting the oily water discharge to the soil.
Clem-Trans 213 W. Valley Blvd. Rialto	Case # 882100231 05/25/1988 Complaint: Company is letting diesel fuel spill onto ground Routine inspection done on 06/14/1988, some incidental type spills were found around diesel pump. Owner was informed of UST regulations and has decided to remove tank. Case closed.
General Warehouse Products 1743 S. Willow Ave. Rialto	CO0010714 04/13/2005 Complaint: Referred by US EPA Region 9 Complainant says he was ordered to dump lacquer thinner And oil-based paint in sinks and on the ground in the yard. Spray guns were used in the yard with no spray booth. Comments: Tried to inspect and follow up on 05/31/2005. Upon arriving at this address, General Warehouse Products Is not located at this site. A gold cart sales facility is located

	At this address. Furthermore, could not contact complainant, wrong telephone number. No further action required. Complaint closed.

SITE REMEDIATION: (Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

Clem Trans Inc. 213 W. Valley Blvd. Rialto	RO0000962 – T0607199297 – Site # 2000021 (LOP) Release of diesel reported on 03/20/2000. Case closed on 08/26/2004. Leak was discovered, stopped, And reported on 03/20/2000. Remedial Action Completion Certification letter dated 08/26/2004 in UST file.

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team. Records searched date back to mid-1980's. Please note if a facility has completed a submission in CERS, the most recent submission can be made available for review upon request.

Records consist of 4 file(s), 5 volumes, about 4 ½" thick, combined. To request a file review appointment or further clarification, please contact this office by email to hazmatrecords@sbcfire.org.*

Donna Juday

Donna Juday
Office Specialist
Office of the Fire Marshal
Hazardous Materials Division

*We will copy up to 40 pre-selected pages from a file at a charge $0.25 per page copied. (Be prepared to make this payment at the time of service). We can also refer you to a private copy service. If you prefer to bring a portable copier on site, you may do so. Please let us know your plans in advance so that accommodations can be made.

COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
ECONOMIC DEVELOPMENT
AND PUBLIC SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PETER R. HILLS
Fire Chief
County Fire Warden

REMEDIAL ACTION COMPLETION CERTIFICATION

AUG 2 6 2004

CLEM TRANS INC. **SITE #2000021**
213 WEST VALLEY BOULEVARD
RIALTO, CA 92376

ATTENTION: G.M. GLORY CLEMONS BROWN

SUBJECT: UNDERGROUND STORAGE TANK (UST) CASE CLOSURE FOR CLEM TRANS, 213 W. VALLEY BLVD., RIALTO, CA UNAUTHORIZED RELEASE REPORT DATED: 9/15/2000

This letter confirms the completion of site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required..

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. Please contact Jackson Crutsinger of our office at (909) 386-8419 if you have any questions regarding this matter.

Sincerely,

Peter Brierty

PETER S. BRIERTY, DIVISION CHIEF
HAZARDOUS MATERIALS DIVISION

RHR

cc: Rose Scott, Regional Water Quality Control Board
Nancy Camacho, State Water Resources Control Board

MARK UFFER
Interim County Administrative Officer

NORMAN A. KANOLD
Assistant County Administrator
Economic Development and
Public Services Group

Board of Supervisors
BILL POSTMUS ..... First District
PAUL BIANE ..... Second District
CLIFFORD YOUNG ..... Fifth District
DENNIS HANSBERGER ..... Third District
PATTI AGUIAR ..... Fourth District

CASE CLOSURE SUMMAR
Leaking Underground Storage Tank Program

I. Agency Information

Date: JUN 2 2 2004

Agency Name San Bernardino County Fire Department Hazardous Materials Division	Address 620 South "E" Street
City/State/Zip San Bernardino, CA 92415-0153	Phone (909) 386-8419
Responsible Staff Person Jackson Crutsinger	Title Environmental Planner III

II. Case Information

Site Facility Name
Clem Trans

Site Facility Address
213 W. Valley Boulevard, Rialto, CA 92376

RB LUSTIS Case No.	Local Case No. 2000021	LOP Case No. 2000021
URF Filing Date 9/15/00	SWEEPS No. 36-000-068692-000001,2	

Responsible Parties	Address	Phone Numbers
G.M. Clemons Brown Clem Trans Inc.	213 W. Valley Boulevard Rialto, CA 92376	(909) 877-4450

Tank No.	Size in Gallons	Contents	Closed in Place/ Removed?	Date
1	10 K	diesel	removed	3/20/00
2	10 K	diesel	removed	3/20/00
3				
4				

III. Release and Site Characterization Information

Cause and type of release:
unknown

Site characterization complete? ☒Yes ☐No	Date approved by oversight agency: 6/17/04	
Monitoring wells installed? ☐Yes ☒No	Number: 0	Proper screened interval? ☐Yes ☐No
Highest groundwater depth below ground surface: 200 ft.	Lowest depth: 225 ft.	Flow direction: NA
Most sensitive current use: domestic		
Are drinking water wells affected? ☐Yes ☒No	Aquifer Name: Riverside subarea	

CASE CLOSURE SUMMAR
Leaking Underground Storage Tank Program

III. Release and Site Characterization Information (continued)

Is surface water affected? ☐Yes ☒No	Nearest/affected surface water name: none
Off-site beneficial use impacts (addresses/locations): none	
Report(s) on file? ☒Yes ☐No	Where is report filed? San Bernardino County Fire Dept Hazardous Materials Division

Treatment and Disposal of Affected Material

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	2	recycled, Atlas Iron/Los Angeles	3/20/00
Piping			
Free Product			
Soil	59.59 tons	recycled, TRS/Azusa	3/24/00
Ground Water			
Barrels			

Maximum Documented Contaminant Concentrations ------- Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppm)		Contaminant	Soil (ppm)		Water (ppm)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gas)	—	—			Xylene	1.78	0.055		
TPH (Diesel)	8820	1400			Ethylbenzene	0.208	0.002		
Benzene	ND	ND			Oil & Grease				
Toluene	0.025	0.002			Heavy Metals (Pb)	—	ND		
Other					MTBE	ND	ND		

Comments (Depth of Remediation, etc.):
Highest "Before" concentrations were found beneath dispenser at 12 ft. depth during an over-excavation effort. The site investigation consisted of 4 borings in the former dispenser and UST areas. The results indicate that the soil contamination plume is well defined vertically, and reasonably well-defined laterally. Highest "After" concentrations for TPH diesel were found at 35 ft., but 3 sampling intervals beneath were ND. 59.59 tons of contaminated soil were sent offsite for disposal/recycling.

IV. Closure

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? ☒Yes ☐No

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? ☒Yes ☐No

Does corrective action protect public health for current land use? ☒Yes ☐No

CASE CLOSURE SUMMARY
Leaking Underground Storage Tank Program

Clem Trans, 213 W. Valley Blvd., Rialto LOP # 2000021 FAX (909) 386-8460

Site Management requirements: none

Should corrective action be reviewed if land use changes? ☐Yes ☒No

Monitoring wells decommissioned: ☐Yes ☒No | Number Decommissioned: NA | Number retained: NA

List enforcement actions taken: Notice of Requirement to Reimburse

List enforcement actions rescinded: NONE

V. Local Agency Representative Data

RM

Name: Peter S. Brierty Title: Fire Marshal

Signature: Peter Brierty

VI. RWQCB Notification

Date Submitted to RB: RB Response: Concurs w/ closure,

RWQCB Staff Name: Ken Williams, C.E.G. Title: Senior Engineering Geologist Date: 7/14/04

Kenneth R Williams Chief, UST Section

VII. Additional Comments, Data, etc.

Justification for closure:

1) vertically defined

2) diesel contamination, de-minimus volatiles

3) deep groundwater, about 200 ft

4) source load removal

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.

CITY OF RIALTO
BUILDING PERMIT

BP Nº 24557

8-8 19 67

Pioneer Chain Link Fence Co. is hereby granted a Building Permit

subject to the provisions of Ordinances relating to such work covering the following:

Street and Number: 261 W. Valley Blvd. Tract. No. _____ Lot No. _____

DESCRIPTION:

Rooms _____ Stories _____

Roof _____ Outside Walls _____

Dimension of Building _____

Additional Information 94' of 6' high Ch. Link

Value $ 116.00

CHARGES:

Building Permit	$ 3.00
Plan Check Fee	$
Plumbing Permit and Inspection	$
Electrical Permit and Inspection	$
TOTAL	$ 3.00

CITY OF RIALTO

M. A. Lawson

Building Inspector By CB

FORM NO. R28-7/71

CITY OF RIALTO
BUILDING PERMIT

BP № 30194

1-17 1972

Elmer Wood is hereby granted a Building Permit subject to the provisions of Ordinances relating to such work covering the following:

Street and Number: 261 W. Valley Tract No. _____ Lot No. _____

DESCRIPTION:

Rooms _____ Stories _____

Roof _____ Outside Walls _____

Dimension of Building _____

Additional Information install 10,000 gallon gasoline storage tank & piping

Value $ 1650-

CHARGES:

Building Permit	$ 17.00
Plan Check Fee	$
Plumbing Permit and Inspection	$
Heating and Air Conditioning	$
Electrical Permit and Inspection	$
TOTAL	$ 17-00

CITY OF RIALTO

Marvin Larson Insp.

Building Official

FORM NO. R28-7/71

CITY OF RIALTO
BUILDING PERMIT

BP № 30236

1-21 1972

Blythe Electric, Inc. is hereby granted a Building Permit subject to the provisions of Ordinances relating to such work covering the following:

Street and Number 201 W. Walnut Tract No. _____ Lot No. _____

DESCRIPTION:

Rooms _____ Stories _____

Roof _____ Outside Walls _____

Dimension of Building _____

Additional Information Electric hook up to gasoline storage tanks.

CHARGES: 0 Value $ —

Building Permit	$
Plan Check Fee	$
Plumbing Permit and Inspection	$
Heating and Air Conditioning	$
Electrical Permit and Inspection	$ 3.00
TOTAL	$ 3.00

CITY OF RIALTO

Maximo Lazarin E.H.

Building Official

DEPARTMENT OF BUILDIN AND SAFETY
CITY OF RIALTO

APPLICATION FOR BUILDING PERMIT

BUILDING PERMIT # 21719 Date 4-28-65
PLUMBING PERMI. #
ELECTRICAL PERMIT #
SEWER PERMIT #

Street Address	Lot	Block	Tract
261 West Valley Blvd.	2	W 100 Ft	2300

Owner	Address	Tel.
Chas. E. & Daurice M. Swanson	P.O. Box 8, Angelus Oaks, Calif.	877-1750 794-2966
Contractor	Address	Tel.
Albert C. Coccia	17384 Miller, Fontana Calif	822-7950
Architect	Address	Tel.
Jay D. Wheaton	333 N. Riverside Ave. Rialto, Calif.	Tr.5-5283

Was this parcel divided prior to January 4, 1954? Yes_____ No X
If no, was this division approved by the City Council? Yes_____ No_____

Use of Bldg.	Sq. Ft.	Size of Lot	Roof Covering	No. of Rooms
Office addition	1132	100 x 330	composition	1

Size of Garage / Carport	Wall Covering			Check One			Patio	
	Exterior	Stucco		Corner Lot		Open Slab		
	Interior	Plaster		Interior Lot	X	Covered Unenclosed		
						Screened		

Notes:

Application is hereby made for a building permit in accordance with the description and for the purpose set forth above. I agree to comply with all applicable City Building and Zoning Ordinances and State Laws.

Daurice M. Swanson
x C. E. Swanson
Owner or Authorized Agent

Zone	Type	Group	Fire Zone	Value	Fee	Setbacks	Front	Side	Rear
				5000	18.00				

9.00
27.00

APPLICATION FOR PLUMBING PERMIT

Description of Work	No.	Fee	Description of Work	No.	Fee
Bathtub			Vacuum Breakers		
Shower			Floor Drn. or Sink.		
Lavatory	1	1.00	Bar Sink		
Kitchen Sink			Gas Pipe System		
Wash Tray			Heating Plant	1	1.00
Water Closet	1	1.00	Water Softener		
Auto. Washer			Water Heater		
Urinals			Lawn Sprinkler		
Dish Washer			Disposal System		
Garbage Disp.			Misc. Evap. Cooler	1	1.00
			Permit Fee		1.00
			TOTAL		5.00

x Eagle Plumbing By Thomas Davis
Plumber

I certify that I am the owner of the above described property and will personally purchase all materials and do all the work myself.

Owner

APPLICATION FOR ELECTRICAL PERMIT

Description of Work	No.	Fee	Description of Work	No.	Size
Lighting Out.			Main Swch. AMP		
Switches			Serv. Con. Size		
Plug Rec.			Conductors		
Water Heater			Lighting Circuits		
Ranges			Recep. Circuits		
Air Heater			Range		
Service			Water Heater		
Motors H.P.			Signs		
Temp. Power Pole			Misc.		
Misc.					
Permit Fee					
TOTAL					

Electrician

I certify that I am the owner of the above described property and will personally purchase all materials and do all the work myself.

Owner

INSPECTION RECORD

STRUCTURAL

Inspection	Date	Remarks	Inspector
Setback			
Excavation & Forms	4-29-65		DJA
Reinforced Steel			
Bond Beam			
Frame	5-14-65		DJA
Roofing	5-5-65		DJA
Room Ventilation			
Kitchen Vent			
Foundation Vent			
Garage Fireproofing			
Fireplace			
Lathing	6-17-65		DJA
Plastering			
Final	6-2-65		DJA
Certificate Occ.			

PLUMBING

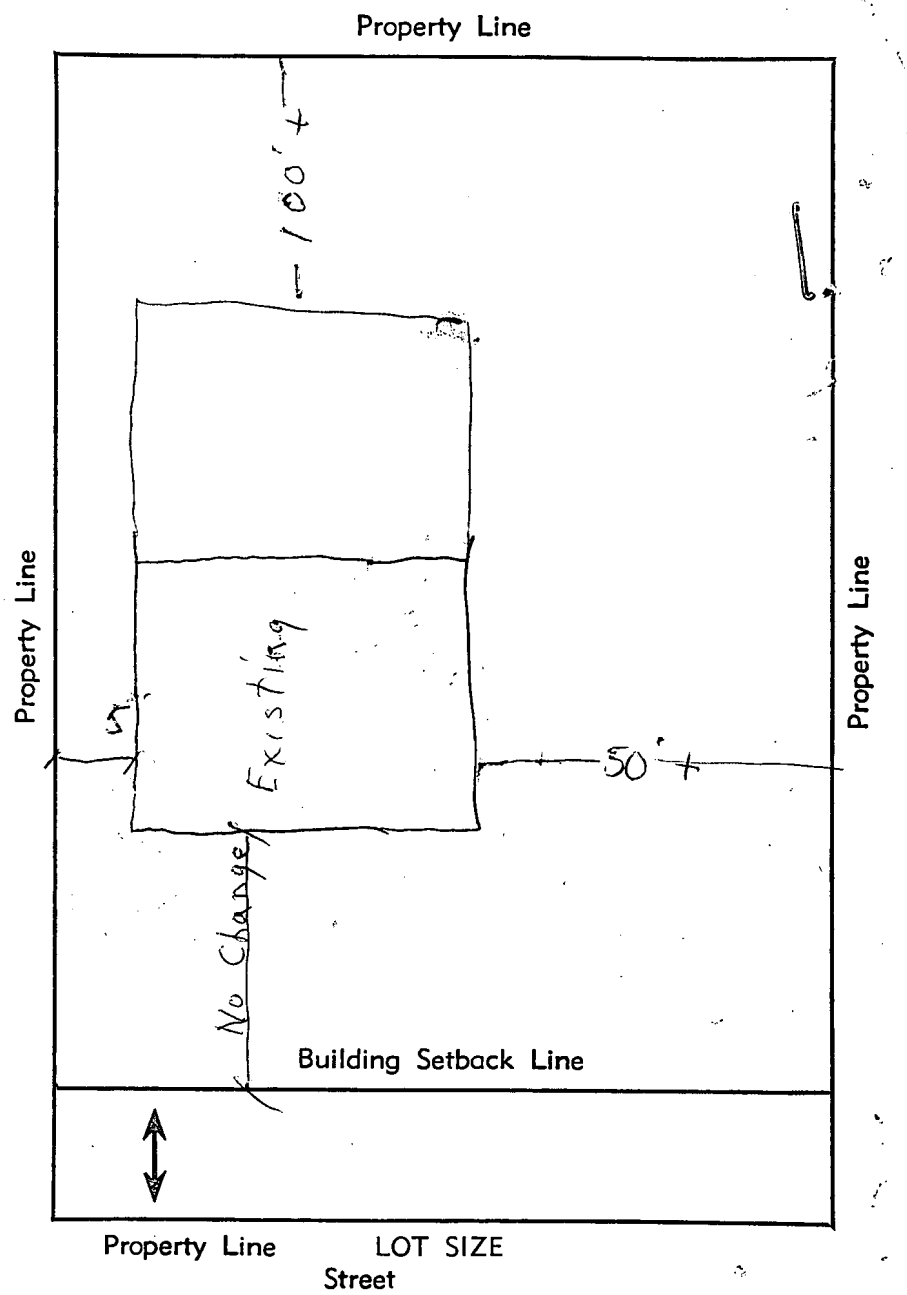
Ground Plumbing	4-29-65		DJA
Top Out			
Cesspool-Septic Tank			
Sewer			
Gas (Rough)			
Heating Plant			
Final Plbg. & Gas Test			

ELECTRICAL

Temporary Serv. Pole			
Service			
Concealed Wiring	5-14-65		DJA
Final	6-2-65		DJA
Utility Co. Notified	6-2-65		DJA

Remarks:

PLOT PLAN



DEPARTMENT OF BUILDING & SAFETY
CITY OF RIALTO

APPLICATION FOR BUILDING PERMIT

BUILDING PERMIT # 4843/ Date 12/10/82
PLUMBING PERMIT #
ELECTRICAL PERMIT #
SEWER PERMIT #
HEATING & A.C. PERMIT #

Street Address	Lot	Block	Tract
261 W. Valley			

Owner	Address	Tel.
Irvin O. Thompson	285 W. Valley, Rialto	877-2666

Contractor	City License #	Address	Tel.
Self-Owner			

Architect	Address	Tel.

Use of Bldg.	Sq. Ft.	No. of Bedrooms	No. of Baths	Total Rooms
Old Commercial				

Patio	Attached		Size	X	Carport	X	Corner Lot		Interior Lot	
Garage	Unattached									

Notes:
Describe Proposed Work: Demolition of Old Bldg.

Application is hereby made for a building permit in accordance with the description and for the purpose set forth above. I agree to comply with all applicable City Building and Zoning Ordinances and shall not employ any person in any manner so as to become in violation of the Workman's Compensation Act or other State Laws.

Zone	Type	Group	Fire Zone

Irvin O. Thompson
Owner or Authorized Agent

	Front	Side	Rear	Value	Bldg. Permit	Plan Check	Total
Setbacks				0	10 50		10 50

APPLICATION FOR PLUMBING PERMIT

Description of Work	No.	Fee
Bathtub		
Shower		
Lavatory		
Kitchen Sink		
Wash Tray		
Water Closet		
Auto. Washer		
Urinals		
Dish Washer		
Garbage Disp.		
Gas Pipe System		
Heating Plant		
Water Heater		
Lawn Sprinkler		
Disposal System		
Anti-Siphon Valve		
Misc.		
Permit Fee		
TOTAL		

Plumber

APPLICATION FOR ELECTRICAL PERMIT

Description of Work	No.	Fee
Lighting Out		
Switches		
Plug Rec.		
Water Heater		
Ranges		
Air Heater		
Service		
Motors H.P.		
Temp. Power Pole		
____Sq. Ft. @ ____		
____ Amp. @ ____		
Motors:		
____ H.P. @ ____		
Misc.		
Permit Fee		
TOTAL		

Electrician

APPLICATION FOR HEATING & A/C PERMIT

Work Desc.	BTU	Amps	No.	Fee
FAU				
A/C Unit				
Refrigeration				
Heat Pump				
Wall Furn.				
Evap. Cooler				
Suspended Heater				
Permit Fee				
TOTAL				

A/C Contractor

I certify that I am the owner of the above described property and will personally purchase all materials and do all the work on the Plumbing ☐ Electrical ☐ Heating and A/C ☐ myself.

Owner

INSPECTION RECORD

STRUCTURAL

Inspection	Date	Remarks	Inspector
Setback			
Excavation & Forms			
Reinforced Steel			
Bond Beam			
Frame			
Roofing			
Room Ventilation			
Kitchen Vent			
Foundation Vent			
Garage Fireproofing			
Fireplace			
L ng			
Plastering			
Final	12-20-62		[signature]

PLUMBING

Ground Plumbing			
Top Out			
Sewer ~~or Cesspool~~	12-20-62	Copper OK	[signature]
Heating Plant			
Final Plbg. & Gas Test			

ELECTRICAL

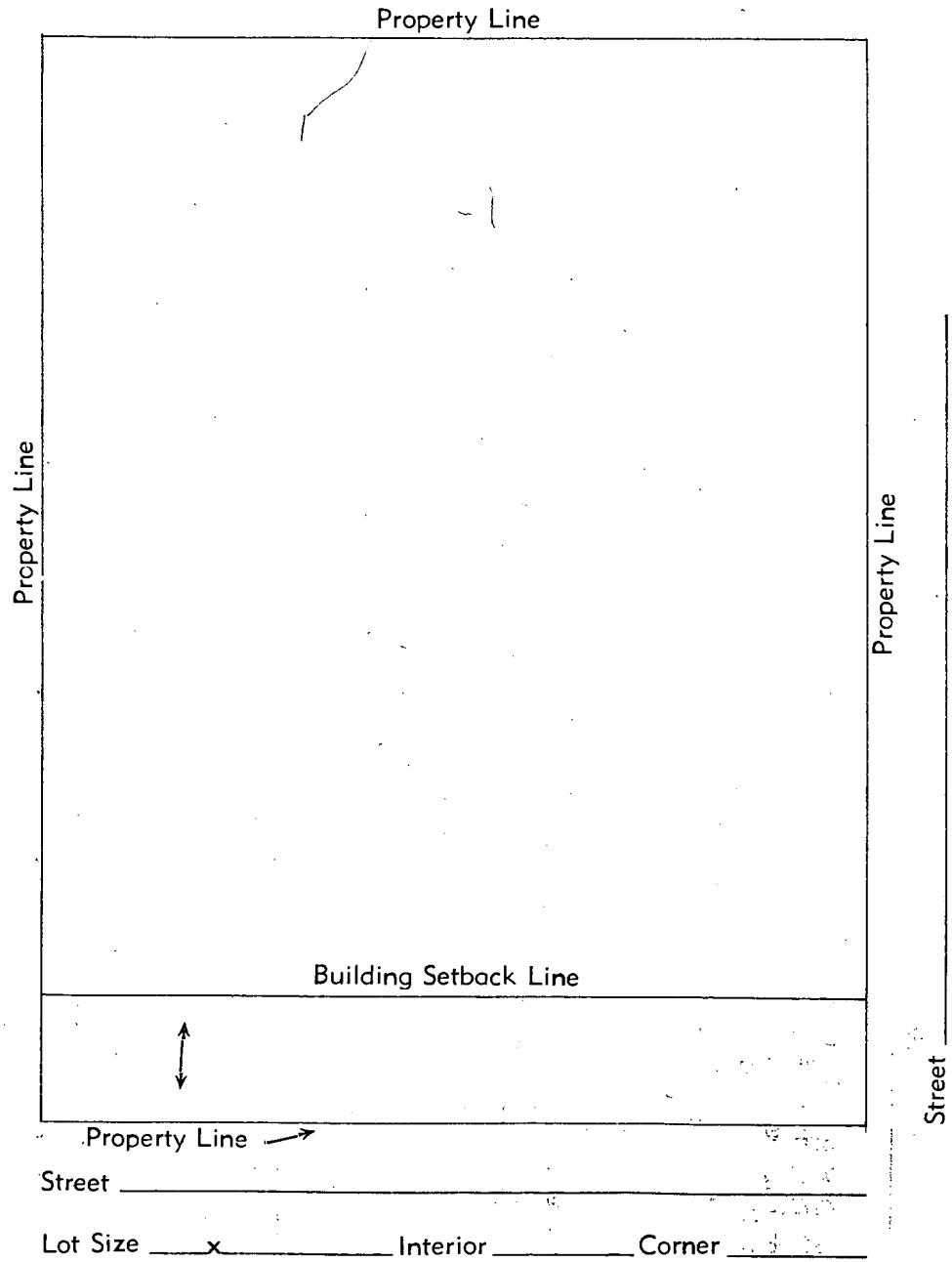
Temporary Serv. Pole			
Service			
Concealed Wiring			
F			
Utility Co. Notified			
Heating & A/C			
Final			

HEATING & AIR CONDITIONING

Ductwork			
Fire Dampers			
Furnace			
A/C Unit			
Combustion Air			
Final			

PLOT PLAN

Remarks: _____



Lot Size ____ x ____ Interior ____ Corner ____

DEPARTMENT OF BUILDING AND SAFETY
CITY OF RIALTO

APPLICATION FOR BUILDING PERMIT

BUILDING PERMIT # 30194 Date 1-17-72
PLUMBING PERMIT #
ELECTRICAL PERMIT #
SEWER PERMIT #

Street Address	Lot	Block	Tract
2161 W Valley			

Owner	Address	Tel.
American Liner Supply	Same	
Contractor	Address	Tel.
Elmer Wood	2570 3rd St Riverside	825-1405
Architect	Address	Tel.

Was this parcel divided prior to January 4, 1954? Yes_____ No_____
If no, was this division approved by the City Council? Yes_____ No_____

Use of Bldg.	Sq. Ft.	Size of Lot	Roof Covering	No. of Rooms

Size of Garage / Carport	Wall Covering			Check One			Patio		
		Exterior			Corner Lot			Open Slab	
		Interior			Interior Lot			Covered Unenclosed	
								Screened	

Notes:
Gasoline
Ins tall 10000 gallon Storage tank And piping

Application is hereby made for a building permit in accordance with the description and for the purpose set forth above. I agree to comply with all applicable City Building and Zoning Ordinances and State Laws.

Elmer Wood
Owner or Authorized Agent

Zone	Type	Group	Fire Zone	Value	Fee	Setbacks	Front	Side	Rear
				1650	17.00				

APPLICATION FOR PLUMBING PERMIT

Description of Work	No.	Fee	Description of Work	No.	Fee
Bathtub			Vacuum Breakers		
Shower			Floor Drn. or Sink.		
Lavatory			Bar Sink		
Kitchen Sink			Gas Pipe System		
Wash Tray			Heating Plant		
Water Closet			Water Softener		
Auto. Washer			Water Heater		
Urinals			Lawn Sprinkler		
Dish Washer			Disposal System		
Garbage Disp.			Misc.		
			Permit Fee		
			TOTAL		

Plumber

I certify that I am the owner of the above described property and will personally purchase all materials and do all the work myself.

Owner

APPLICATION FOR ELECTRICAL PERMIT

Description of Work	No.	Fee	Description of Work	No.	Size
Lighting Out.			Main Swch. AMP		
Switches			Serv. Con. Size		
Plug Rec.			Conductors		
Water Heater			Lighting Circuits		
Ranges			Recep. Circuits		
Air Heater			Range		
Service			Water Heater		
Motors H.P.			Signs		
Temp. Power Pole			Misc.		
Misc.					
Permit Fee					
TOTAL					

Electrician

I certify that I am the owner of the above described property and will personally purchase all materials and do all the work myself.

Owner

INSPECTION RECORD

STRUCTURAL

Inspection	Date	Remarks	Inspector
Setback			
Excavation & Forms			
Reinforced Steel			
Bond Beam			
Frame			
Roofing			
Room Ventilation			
Kitchen Vent			
Foundation Vent			
(ige Fireproofing			
Fireplace			
Lathing			
Plastering			
Final	1/21/72		DS.
Certificate Occ.			

PLUMBING

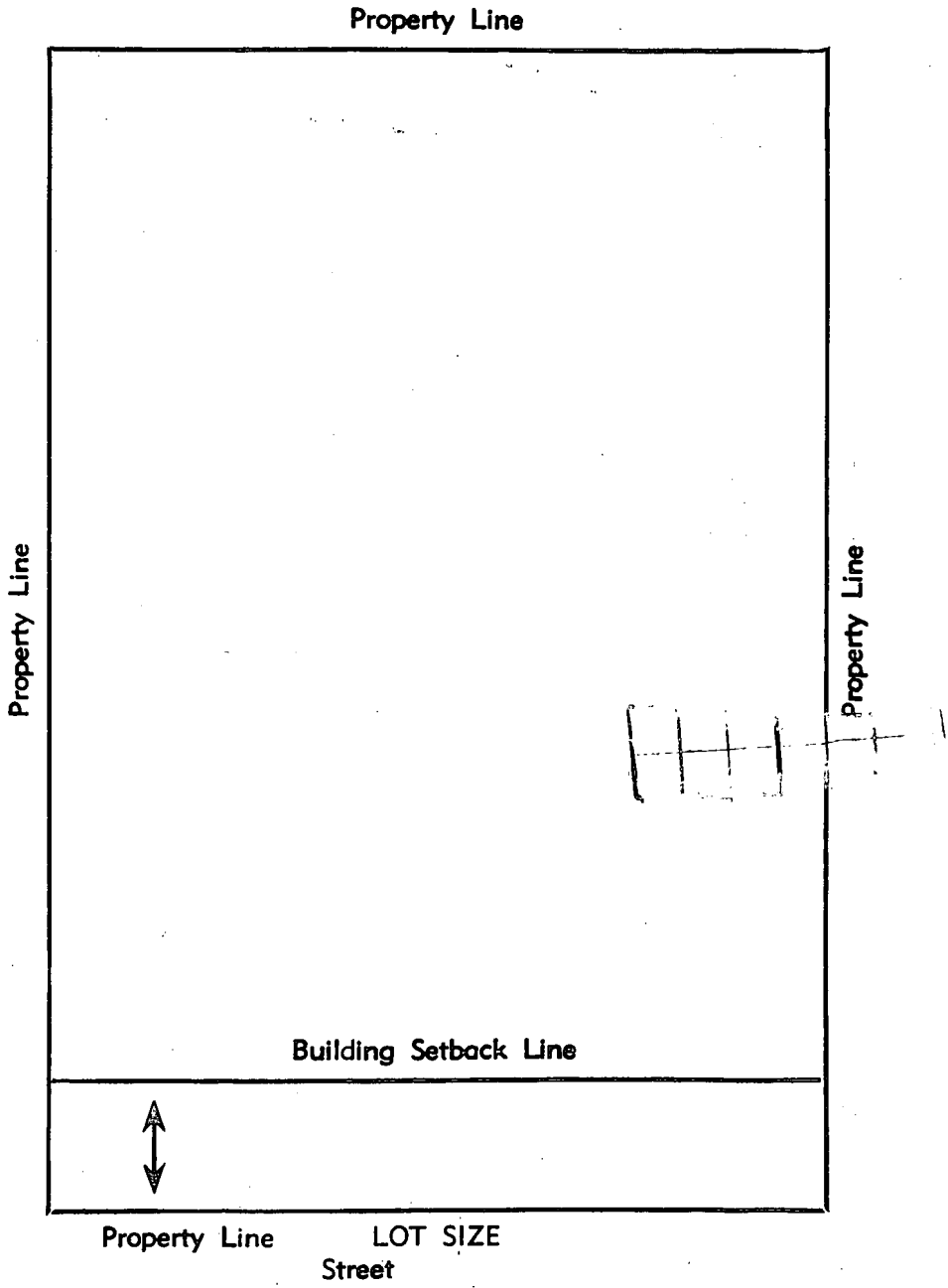
Ground Plumbing			
Top Out			
Cesspool-Septic Tank			
Sewer			
Gas (Rough)			
Heating Plant			
Final Plbg. & Gas Test			

ELECTRICAL

Temporary Serv. Pole			
Service			
Concealed Wiring			
Final	1/21/72		D. S.
Utility Co. Notified			

Remarks:

PLOT PLAN



DEPARTMENT OF BUILDING & SAFETY
CITY OF RIALTO

APPLICATION FOR BUILDING PERMIT

BUILDING PERMIT # 40161 Date 5/30/78
PLUMBING PERMIT #
ELECTRICAL PERMIT #
SEWER PERMIT #
HEATING & A.C. PERMIT #

Street Address	Lot	Block	Tract
261 W. Valley Blvd			

Owner	Address	Tel.
Charles Swanson		

Contractor	City License #	Address	Tel.
Frank's Roof & Fence	9459	9503 So Waterman	884-1855

Architect	Address	Tel.

Use of Bldg.	Sq. Ft.	No. of Bedrooms	No. of Baths	Total Rooms
Roof				

Patio / Garage	Attached / Unattached		Size X	Carport X	Corner Lot		Interior Lot	

Notes:
Describe Proposed Work:
Reroof building useing one layer 30# felt, two layers 15# felt and gravel

Application is hereby made for a building permit in accordance with the description and for the purpose set forth above. I agree to comply with all applicable City Building and Zoning Ordinances and shall not employ any person in any manner so as to become in violation of the Workman's Compensation Act or other State Laws.

Patricia Reyna
Owner or Authorized Agent

Zone	Type	Group	Fire Zone

Setbacks	Front	Side	Rear	Value	Bldg. Permit	Plan Check	Total
				1100.00	11.00		

APPLICATION FOR PLUMBING PERMIT

Description of Work	No.	Fee
Bathtub		
Shower		
Lavatory		
Kitchen Sink		
Wash Tray		
Water Closet		
Auto. Washer		
Urinals		
Dish Washer		
Garbage Disp.		
Gas Pipe System		
Heating Plant		
Water Heater		
Lawn Sprinkler		
Disposal System		
Anti-Siphon Valve		
Misc.		
Permit Fee		
TOTAL		

Plumber

APPLICATION FOR ELECTRICAL PERMIT

Description of Work	No.	Fee
Lighting Out		
Switches		
Plug Rec.		
Water Heater		
Ranges		
Air Heater		
Service		
Motors H.P.		
Temp. Power Pole		
____ Sq. Ft. @ ____		
____ Amp. @ ____		
Motors:		
____ H.P. @ ____		
Misc.		
Permit Fee		
TOTAL		

Electrician

APPLICATION FOR HEATING & A/C PERMIT

Work Desc.	BTU	Amps	No.	Fee
FAU				
A/C Unit				
Refrigeration				
Heat Pump				
Wall Furn.				
Evap. Cooler				
Suspended Heater				
Permit Fee				
TOTAL				

A/C Contractor

I certify that I am the owner of the above described property and will personally purchase all materials and do all the work on the Plumbing ☐ Electrical ☐ Heating and A/C ☐ myself.

Owner

INSPECTION RECORD

STRUCTURAL

Inspection	Date	Remarks	Inspector
Setback			
Excavation & Forms			
Reinforced Steel			
Bond Beam			
Frame			
Roofing			
Room Ventilation			
Kitchen Vent			
Foundation Vent			
Garage Fireproofing			
Fireplace			
hing			
Plastering			
Final			

PLUMBING

Ground Plumbing			
Top Out			
Sewer or Cesspool			
Heating Plant			
Final Plbg. & Gas Test			

ELECTRICAL

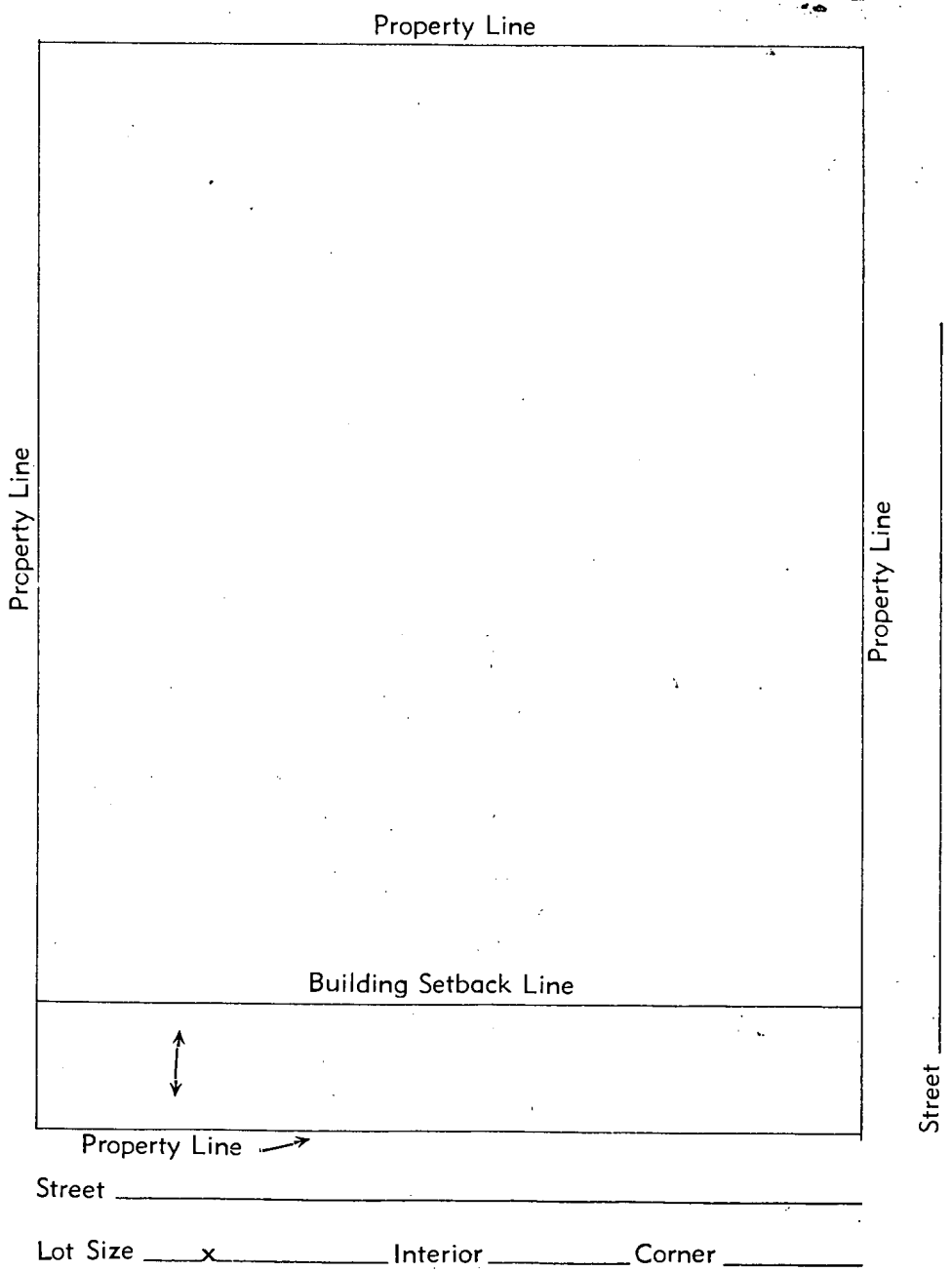
Temporary Serv. Pole			
Service			
ıcealed Wiring			
ınal			
Utility Co. Notified			
Heating & A/C			
Final			

HEATING & AIR CONDITIONING

Ductwork			
Fire Dampers			
Furnace			
A/C Unit			
Combustion Air			
Final			

PLOT PLAN

Remarks: _____



Lot Size ____ x ____ Interior ____ Corner ____

Appendix E-2

Phase II Environmental Site Assessment

March 2, 2022

Mr. Kevin Rice
Patriot Partners
5710 Crescent Park East, Suite 429
Playa Vista, California 90094

Subject: Phase II Environmental Site Assessment
285 and 1743 South Willow Avenue and 213, 241, 253, and 261 West Valley Boulevard
Rialto, California 92376

Dear Mr. Rice:

This summary report presents the results of a Phase II Environmental Site Assessment (ESA) conducted at the properties located at 285 and 1743 South Willow Avenue and 213, 241, 253, and 261 West Valley Boulevard in Rialto, California (the Site; Figure 1).

BACKGROUND

Hazard Management Consulting, Inc. (HMC) was previously retained to prepare a Phase I ESA as part of real estate due diligence activities for Patriot Development Partners. The Site was historically vacant until 1949 when residential use was first noted in an aerial photograph. Since 1959, the Site has been developed with industrial structures and notable uses included trucking facilities, auto repair, and several contractors. Observations during this time revealed an area of what appeared to be dark staining on bare soil at what is now the 213 West Valley Boulevard property in the 1980's. The industrial history of the Site is considered a Recognized Environmental Condition (REC). Automotive maintenance, poor housekeeping, moderate to heavy staining, and spills were observed during the Site reconnaissance visit, which are also considered to be RECs.

Documentation for up to five underground storage tanks (USTs) were found during a review of records for the Site. Tank removal records for three of the USTs were found and two of these tanks were the subject of a leaking UST (LUST) case with San Bernardino County that was closed in 2004. This former LUST case is considered an Historic REC. Tank removal records for up to two other USTs have not been located and would be considered an REC.

Based on the review of the available regulatory information, facilities in the Site vicinity were noted to use and store chemicals and generate associated wastes. Several upgradient facilities had releases such as leaking UST cases that were subsequently cleaned up and closed with the corresponding oversight agency. There was no evidence that the historic off-Site releases affect the Site. The most notable

DRAFT

upgradient facility, the WC Brown Welding, Inc./ WDLJ South Property, had historical releases that included petroleum and other hydrocarbons. The County and the Regional Water Quality Control Board (RWQCB) oversaw the cleanup of the facility and the case was closed under their authority in 2013. No evidence was found to indicate that this historical facility has affected the Site.

RECs identified during the Phase I ESA were generally related to the industrial history of the Site, reported discharge of chemicals to soil, current uses resulting in spills and staining, and unaccounted for USTs. In response to the identified RECs, HMC recommended that a Phase II ESA soil and soil vapor investigation be conducted. This report summarizes the results of the investigation.

OBJECTIVE

The objective of the work summarized herein was to conduct subsurface soil and soil vapor testing to evaluate whether significant releases of hazardous substances, including volatile organic compounds (VOCs), petroleum hydrocarbons, and metals, have occurred at the Site at the RECs identified in the Phase I ESA.

DATA EVALUATION CRITERIA

Data collected as part of the Phase II ESA were evaluated against several commonly used criteria in California. Currently, there are no generally applicable universal standards for environmental data similar to that collected as part of this investigation. Available criteria exist for specific scenarios or uses including future land use and to assess whether the sampled material will need to be removed from the Site for disposal purposes. The following soil and soil vapor criteria were used to evaluate the data.

Soil Criteria

Soil sampling results were compared to State and Federal screening levels to assess whether detectable concentrations would present a possible human health risk to commercial/industrial occupants and the environment. Laboratory analytical results for VOCs were compared to the following criteria:

- California Department of Toxic Substances Control (DTSC) Soil Screening Levels for commercial/industrial land use (DTSC-SLi);
- U.S. Environmental Protection Agency (EPA) Region 9 Regional Screening Levels for commercial/industrial land use (EPA-RSLi); and
- San Francisco Bay RWQCB (SFBRWQCB) Environmental Screening Levels for commercial/industrial shallow soils for direct exposure human health risk (SFBRWQCB-ESLi).

The DTSC-SLi, EPA-RSLi, and SFBRWQCB-ESLi screening values and guidelines referenced in Table 1 of this report provide human health risk criteria based on dermal contact, ingestion, and inhalation of VOCs.

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The Los Angeles Regional Water Quality Control Board (LARWQCB) has developed guidelines to evaluate hydrocarbons in soil for the protection of groundwater broken down by carbon chain. The groundwater in the vicinity of the Site has been reported at approximately 90 to 110 feet below ground surface (bgs). The following LARWQCB criteria apply to the Site and are also referenced in Table 1:

- Gasoline range hydrocarbons: 500 parts per million (ppm)
- Diesel range hydrocarbons: 1,000 ppm
- Oil range hydrocarbons: 10,000 ppm

Metals are naturally occurring within soil and sediments. With the exception of arsenic, concentrations were compared to the human health risk criteria set forth in DTSC-SLi, EPA-RSLi, and SFBRWQCB-ESLi values as presented in Table 2. Due to the granitic nature of California geology, natural background concentrations of arsenic typically exceed the human health risk guidelines prepared by the State and Federal agencies. The DTSC completed a study of naturally occurring concentrations of arsenic that would be acceptable to school properties for the Los Angeles Unified School District. Based on this study, the DTSC concluded that arsenic concentrations exceeding 12 milligrams per kilogram (mg/kg) would be considered elevated and above background levels observed locally. Table 2 includes the published background values for metals.

Soil Vapor Criteria

The DTSC has established screening levels for ambient air at commercial/industrial properties based on human health risk criteria. Subsurface soil vapor screening levels (DTSC-SLi and EPA-RSLi) were calculated by dividing the published ambient air screening level concentrations using a DTSC-recommended attenuation factor of 0.03 (33 to 1). The SFBRWQCB provides screening levels for ambient air, sub-slab vapor, and soil vapor (SFBRWQCB-ESLi) based on human health risk criteria for commercial/industrial settings.

These screening levels are used as guidelines to assess whether a potential human health risk might be present due to vapor intrusion. However, the values are extremely conservative and do not necessarily indicate the presence of a risk, but rather that additional Site evaluation, which could include engineering controls or remediation, is warranted. These guidelines are referenced and presented in the Table 3 of this report.

SCOPE OF WORK

The Phase II ESA included the scope of work described below. The sampling locations are shown on Figure 2. Sample collection was generally conducted as described below. A total of 14 borings were drilled (SV-1 through SV-14): ten to 5 feet below ground surface (bgs) and four to 10 feet bgs. The following is a summary of the sampling and analytical program for the Phase II ESA:

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Soil Testing

- Advanced four soil borings (SV-5, SV-7, SV-8, and SV-9) ;
- Collected soil samples at approximately 1, 5 and 10 feet bgs (Figure 2); and
- Analyzed 12 soil samples in a State-certified laboratory for total petroleum hydrocarbons as gasoline (TPHg), diesel (TPHd), and motor oil (TPHmo) by EPA Method 8015, VOCs by EPA Method 8260B, and Title 22 metals by EPA Method 6010B and 7471A.

Soil Vapor Testing

- Installed 14 temporary 5-foot-deep soil vapor probes in a rough grid pattern with an approximate 60-foot spacing in the areas of former industrial operations (SV-1 to SV-14);
- Collected soil vapor samples from the 14 probes
- Analyzed the vapor samples using a State-certified mobile laboratory for VOCs by EPA Method 8260SV; and
- Removed the temporary soil vapor probes after sampling to match existing surface conditions.

DISCUSSION OF RESULTS

The following sections summarize the laboratory analytical results for soil and soil vapor samples collected as part of the Phase II ESA.

Soil Results

On February 17, 2022, soil samples were collected from four boring locations (SV-5, SV-7, SV-8, and SV-9) to evaluate the potential presence of residual environmental impacts from Site-related RECs. Samples were collected at 1, 5 and 10 feet bgs at each location (total of 12 soil samples).

Soil analytical results for all samples were non-detect above laboratory reporting limits (RLs) for TPH and VOCs except for four 1-foot samples at SV-5, -7, -8, and -9. However, the detected concentrations were below the regulatory screening criteria. Soil analytical results are summarized in Table 1.

Similarly, soils metal concentrations were all below regulatory screening levels (Table 2). Therefore, soil testing results did not identify the presence of a significant release at the locations tested.

Soil Vapor Survey Results

On February 17, 2022, field personnel performed a soil vapor survey that included the collection of shallow (5-foot) samples at 14 vapor probe locations. Subsurface soil vapor sampling results were non-detect above laboratory RLs for all VOCs except benzene, m,p-xylenes, and toluene. Estimated J-flag

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concentrations above the method detection limit (MDL), but below the RL, were reported for six compounds including acetone, ethylbenzene, o-xylenes, and tetrachloroethene (PCE).

Soil vapor data indicated that only benzene was observed at concentrations exceeding commercial/industrial screening levels. The soil vapor survey results are summarized in Table 3.

Benzene in Soil Vapor

As shown in Table 3, benzene was consistently present in subsurface soil vapor beneath the Site at concentrations ranging from approximately 20 to 40 micrograms per cubic meter (µg/m3). Although benzene concentrations beneath the Site are above DTSC-SLi and SFBRWQCB-ESLi soil vapor screening levels (14 µg/m3), Site data do not appear to be indicative of a significant release at the Site for the following reasons:

- Residual soil VOC concentrations do not indicate the presence of a benzene source; and
- The consistent, low-level detections of benzene in soil vapor are consistent with background ambient air benzene concentrations commonly observed in commercial/industrial areas.

FINDINGS

The results of the Phase II ESA support the following findings and observations:

- Soil VOC results were generally low and below regulatory screening levels, which indicates that a residual source in soil was not identified during the investigation.
- Soil metals results were either below regulatory screening levels or background levels in California soils, which are representative of naturally occurring concentrations.
- Soil vapor VOC results were below regulatory screening levels except for benzene.
    - Detectable soil vapor benzene concentrations exceeding regulatory screening levels were observed across the entire Site, but are consistent with background ambient air benzene concentrations encountered in commercial/industrial areas.
    - Given the absence of a residual VOC source and the ubiquitous distribution of subsurface soil vapor benzene concentrations consistent with commercial/industrial areas, background ambient air is likely the primary source for observed soil vapor benzene impacts.

CONCLUSIONS AND RECOMMENDATIONS

This report presents the results of the Phase II ESA conducted to investigate the RECs found as part of a Phase I ESA for the Site. This investigation included the collection of soil and soil vapor samples to assess

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whether concentrations of chemicals of potential concern warrant further action. The Phase II ESA results support the following conclusions:

1. Soil VOC and metals sampling results were below regulatory screening levels and consistent with background California soils concentrations and not indicative of a historical Site release.
2. The ubiquitous presence of benzene in soil vapor is consistent with background ambient air benzene concentrations encountered in commercial/industrial areas. Therefore, subsurface soil vapor benzene concentrations do not appear to be associated with a Site release and no additional actions are recommended.
3. No "source areas" were identified as part of this assessment. Soil and soil vapor data collected during the Phase II ESA did not show a discernable pattern of contamination that can be attributed to historical operations at the Site. The assessment results indicate that there was likely no single major release incident at the locations tested.

HMC has no additional recommendations based on the findings of the Phase II investigation.

We thank you for the opportunity to be of service. If there are any questions or comments regarding this report, please contact the undersigned at your convenience.

Sincerely,
Hazard Management Consulting, Inc.

Mark S. Cousineau
Principal

Jeffrey P. Gwinn, P.E.
Senior Engineer

Attachments:

Table 1 - Laboratory Results of Soil Sampling – Petroleum Hydrocarbons and VOCs
Table 2 - Laboratory Results of Soil Sampling – Metals
Table 2 - Laboratory Results of Soil Vapor Sampling
Figure 1 – Site Vicinity Map
Figure 2 – Sample Location Map
Attachment A – Laboratory Reports

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TABLE 1 - LABORATORY RESULTS OF SOIL SAMPLING - PETROLEUM HYDROCARBONS AND VOCS							
Sample Location	**Depth (feet bgs)**	**Date Sampled**	**Petroleum Hydrocarbons (mg/kg)**			**VOCs (ug/kg)**	
			Gasoline C4-C12	**Diesel C13-C22**	**Motor Oil C17-C44**	**m,p-Xylene**	**Toluene**
SV-5-1	1	2/17/2022	19.6 H	ND <0.500	ND <100	ND <2.00	ND <2.00
SV-5-5	5	2/17/2022	ND <2.50	ND <0.500	ND <100	ND <2.00	ND <2.00
SV-5-10	10	2/17/2022	ND <2.50	ND <0.500	ND <100	ND <2.00	ND <2.00
SV-7-1	1	2/17/2022	310 H	ND <0.500	573	6.39	35.2
SV-7-5	5	2/17/2022	ND <2.50	ND <0.500	ND <100	ND <2.00	ND <2.00
SV-7-10	10	2/17/2022	ND <2.50	ND <0.500	ND <100	ND <2.00	ND <2.00
SV-8-1	1	2/17/2022	523 H	ND <0.500	902	ND <2.00	ND <2.00
SV-8-5	5	2/17/2022	ND <2.50	ND <0.500	ND <100	ND <2.00	ND <2.00
SV-8-10	10	2/17/2022	ND <2.50	ND <0.500	ND <100	ND <2.00	ND <2.00
SV-9-1	1	2/17/2022	58.8 H	ND <0.500	ND <100	2.68	ND <2.00
SV-9-5	5	2/17/2022	ND <2.50	ND <0.500	ND <100	ND <2.00	ND <2.00
SV-9-10	10	2/17/2022	ND <2.50	ND <0.500	ND <100	ND <2.00	ND <2.00
Regulatory Screening Levels - Protection of Human Health							
DTSC-Sli			NA	NA	NA	NA	5,300,000
EPA-RSLi			NA	NA	NA	2,400,000	47,000,000
SFBRWQCB-ESLi			2,000	1,200	180,000	2,500,000	5,300,000
LARWQCB-SSL			100	1,000	10,000	NA	NA

Notes:

bgs - Below ground surface.

Petroleum hydrocarbons analyzed using USEPA Method 8015B and reported in milligrams per kilogram (mg/kg).

Volatile organic compounds (VOCs) analysed using USEPA Method 8260B and reported in micrograms per kilogram (ug/kg).

H - Hydrocarbons did not match the reference standard

ND - Not detected above laboratory reporting limit listed.

NA - Not available.

DTSC-SLi - California Department of Toxic Substance Control, Human and Ecological Risk Office Note 3, soil screening level for industrial/commercial land use, June 2020

EPA-RSLi - United States Environmental Protection Agency Regional Screening Level for soil for industrial/commercial land use, May 2021

SFBRWQCB-ESLi - San Francisco Bay Regional Water Quality Control Board, Environmental Screening Levels Workbook, direct exposure human health risk level for soil, 2019 rev. 2

LARWQCB-SSL - Los Angeles Regional Water Quality Control Bard, Remediation Guidance For Petroleum and VOC Impacted Sites, dated May 1996

Bolded data indicate concentrations exceeding regulatory screening levels.

TABLE 2 - LABORATORY RESULTS OF SOIL SAMPLING - METALS												
			Metals (mg/kg)									
Sample Location	Depth (feet bgs)	Date Sampled	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Vanadium	Zinc
SV-5-1	1	2/17/2022	ND <2.00	29.7	10.5	4.15	6.84	5.58	ND <1.00	5.82	ND <2.00	17.6	25.5
SV-5-5	5	2/17/2022	ND <2.00	21.0	6.66	3.47	4.82	2.49	ND <1.00	4.60	ND <2.00	13.0	15.4
SV-5-10	10	2/17/2022	5.37	24.0	11.0	5.64	10.9	7.26	ND <1.00	7.48	ND <2.00	46.1	19.6
SV-7-1	1	2/17/2022	3.70	50.8	10.9	5.23	15.8	29.9	ND <1.00	9.58	ND <2.00	22.9	67.4
SV-7-5	5	2/17/2022	2.19	15.0	5.20	3.11	4.17	2.14	ND <1.00	4.01	ND <2.00	12.8	14.4
SV-7-10	10	2/17/2022	4.69	42.9	14.3	6.79	13.5	4.24	ND <1.00	8.19	ND <2.00	24.3	31.9
SV-8-1	1	2/17/2022	2.45	46.1	9.89	6.11	15.4	20.2	2.67	12.0	ND <2.00	25.2	42.3
SV-8-5	5	2/17/2022	2.46	28.1	11.4	4.69	14.7	12.2	ND <1.00	9.86	ND <2.00	18.8	37.9
SV-8-10	10	2/17/2022	4.55	20.5	8.45	5.51	10.6	3.72	ND <1.00	7.39	ND <2.00	18.5	24.4
SV-9-1	1	2/17/2022	5.15	83.6	25.1	7.35	14.9	28.8	ND <1.00	11.3	2.49	33.2	72.6
SV-9-5	5	2/17/2022	2.29	21.7	6.65	3.76	5.39	2.64	ND <1.00	4.70	ND <2.00	15.6	18.1
SV-9-10	10	2/17/2022	4.43	21.9	8.84	4.26	8.13	4.35	ND <1.00	6.63	ND <2.00	18.1	22.4
Regulatory Screening Levels - Protection of Human Health													
DTSC-Sli			0.36	NA	NA	NA	NA	320	NA	11,000	NA	NA	NA
EPA-RSLi			3.0	220,000	NA	350	47,000	800	5,800	NA	5,800	5,800	350,000
SFBRWQCB-ESLi			0.31	220,000	NA	347	46,720	320	1,800	11,133	5,800	5,829	350,400
KEARNY BACKGROUND			12	509	122	14.9	28.7	48.5	1.3	57	0.58	112	149

Notes:

bgs - Below ground surface.

Metals analyzed using USEPA Method 6010B and reported in milligrams per kilogram (mg/kg).

J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

ND - Not detected above laboratory reporting limit listed.

NA - Not available.

DTSC-SLi - California Department of Toxic Substance Control, Human and Ecological Risk Office Note 3, soil screening level for industrial/commercial land use, June 2020

EPA-RSLi - United States Environmental Protection Agency Regional Screening Level for soil for industrial/commercial land use, May 2021

SFBRWQCB-ESLi - San Francisco Bay Regional Water Quality Control Board, Environmental Screening Levels Workbook, direct exposure human health risk level for soil, 2019 rev. 2

Background Concentrations of Trace and Major Elements in California Soils, Kearney Foundation of Soil Science, Division of Agriculture and Natural Resources, University of California, March 1996. Arsenic background level from: Determination of a Southern California Regional Background Arsenic Concentration in Soil, California Department of Toxic Substances Control, January 2018 .

Bolded data indicate concentrations exceeding regulatory screening levels and typical background concentrations.

TABLE 3 - LABORATORY RESULTS OF SOIL VAPOR SAMPLING									
			VOCs (ug/m^3)						
Sample ID	Depth (feet bgs)	Date Sampled	Acetone	Benzene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene (PCE)	Toluene
SV-1-5	5	02/18/22	ND<1,000	**22.6 J**	25.7 J	ND<200	ND<150	ND<25	ND<200
SV-2-5	5	02/18/22	ND<1,000	**25.0**	ND<150	ND<200	ND<150	ND<25	ND<200
SV-3-5	5	02/18/22	183 J	**21.0 J**	ND<150	ND<200	ND<150	ND<25	113 J
SV-4-5	5	02/18/22	ND<1,000	**32.2**	ND<150	ND<200	ND<150	ND<25	173 J
SV-5-5	5	02/18/22	ND<1,000	**25.2**	71.0 J	283	81.2 J	ND<25	145 J
SV-6-5	5	02/18/22	ND<1,000	**20.3 J**	28.0 J	ND<200	ND<150	13.6 J	116 J
SV-7-5	5	02/18/22	208 J	**31.8**	81.6 J	255	58.8 J	15.2 J	1,910
SV-8-5	5	02/18/22	153 J	**39.5**	ND<150	ND<200	ND<150	14.8 J	194 J
SV-9-5	5	02/18/22	176 J	**27.8**	41.4 J	155 J	54.4 J	ND<25	107 J
SV-10-5	5	02/18/22	ND<1,000	**28.7**	ND<150	ND<200	ND<150	ND<25	ND<200
SV-11-5	5	02/18/22	147 J	**36.7**	ND<150	ND<200	ND<150	ND<25	113 J
SV-12-5	5	02/18/22	ND<1,000	**40.4**	ND<150	ND<200	ND<150	ND<25	158 J
SV-13-5	5	02/18/22	ND<1,000	**33.3**	ND<150	ND<200	ND<150	ND<25	ND<200
SV-13-5-REP	5	02/18/22	ND<1,000	**30.8**	ND<150	ND<200	ND<150	ND<25	ND<200
SV-14-5	5	02/18/22	ND<1,000	**28.0**	25.9 J	ND<200	ND<150	ND<25	146 J
Regulatory Screening Levels - Protection of Human Health									
DTSC-SLi			NA	14	NA	NA	NA	67	43,333
EPA-RSLi			145,000	1.6	4.9	440	440	47	22,000
SFBRWQCB-ESLi			4,500,000	14	160	15,000	15,000	67	44,000

Notes:

Sample ID - Sample Identification

VOCs - Volatile organic compounds analyzed in general accordance with EPA Method 8260SV

J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

bgs - Below ground surface

ug/m^3 - Micrograms per cubic meter

ND - No detectable concentrations above the laboratory reporting limit or practical quantitation limit

NA - Not available

NS - Not sampled; sample was not collected because the pump was not able to achieve any flow during purging which triggered the pump auto-shutoff

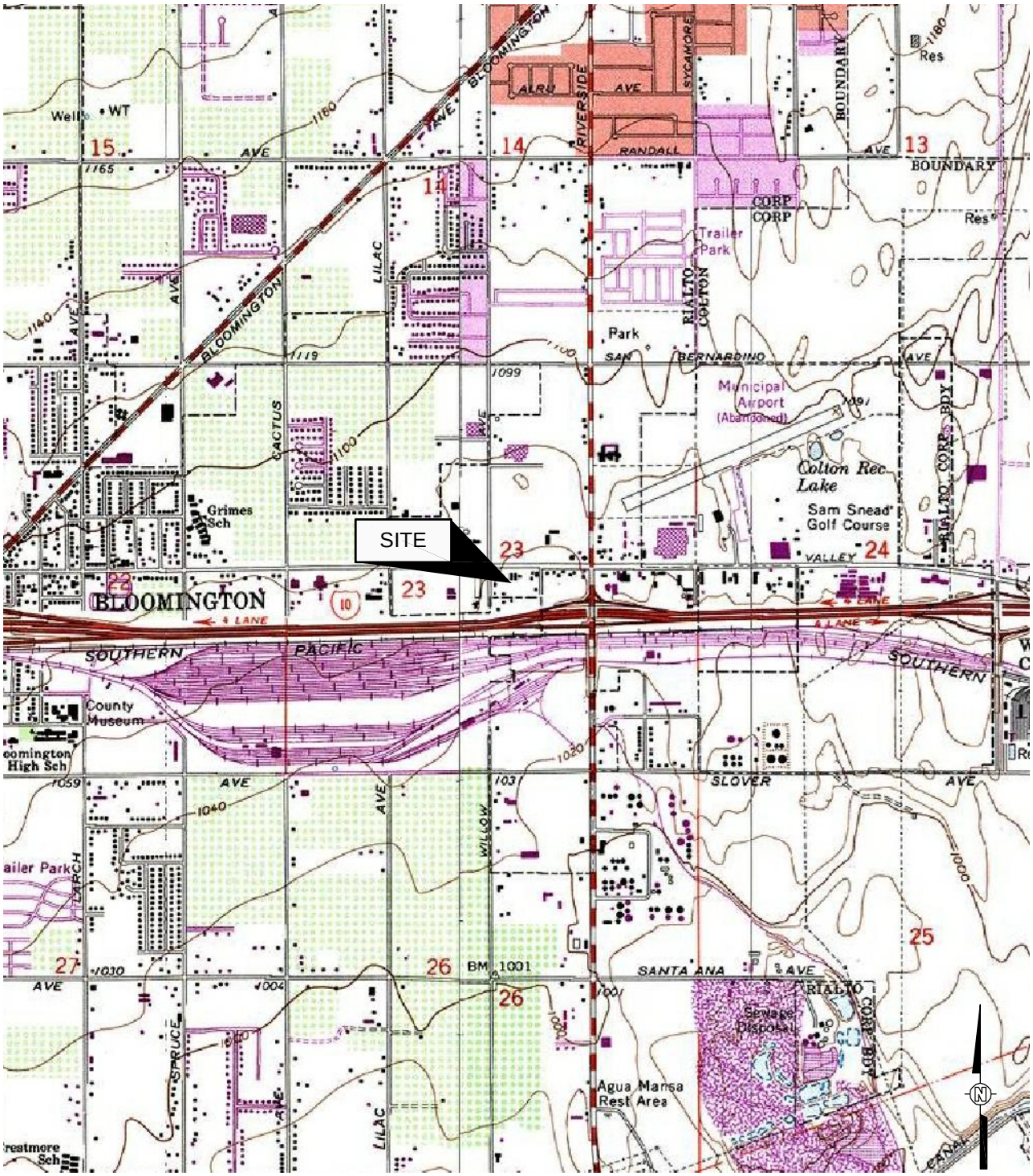
*The lab technician indicated that the initial sample at location SV-22 may have had a leak, therefore the vapor point was re-sampled at the end of the day

DTSC-SLi - California Department of Toxic Substance Control, Human and Ecological Risk Office Note 3, ambient air screening level for industrial/commercial land use divided by the suggested attenuation factor of 0.03, June 2020

EPA-RSLi - United States Environmental Protection Agency Regional Screening Level for ambient air for industrial/commercial land use, May 2021

SFBRWQCB-ESLi - San Francisco Bay Regional Water Quality Control Board, Environmental Screening Levels Workbook, direct exposure human health risk level for soil vapor, 2019 rev. 2

Bolded data indicate concentrations exceeding regulatory screening levels



Reference:
U.S.G.S. 7.5-Minute Topographic Map, San Bernardino South, CA, 1980-1980.

0 1,000 2,000
Scale in Feet

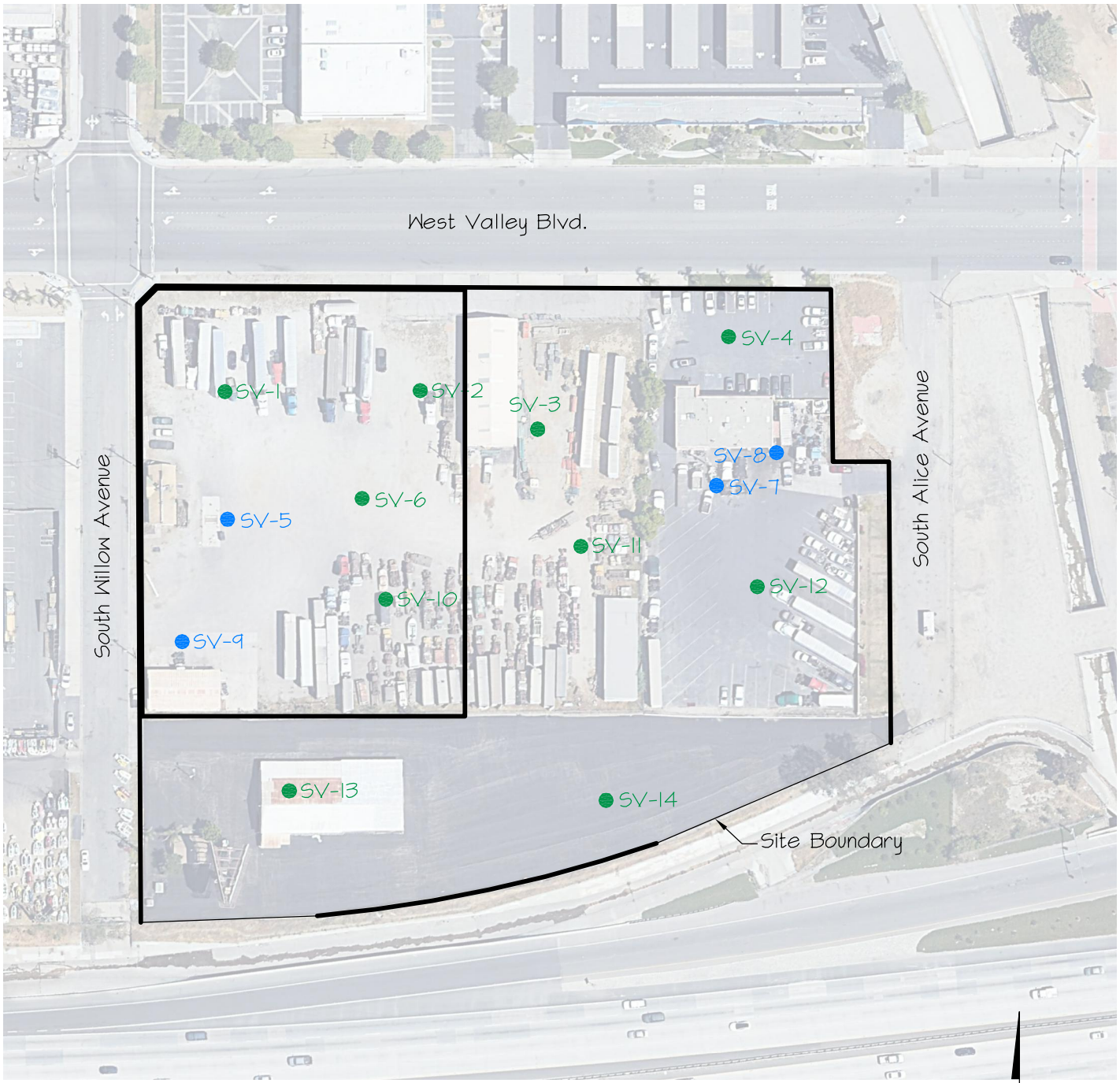
71WIL150100.dwg

HMC
HAZARD MANAGEMENT CONSULTING

Figure 1
SITE VICINITY MAP

285 and 1743 South Willow Avenue
213, 241, 253, and 261 West Valley Boulevard
Rialto, California

2/25/2022 11:02AM



71WIL150200.dwg

2/25/2022 4:05PM

HMC
HAZARD MANAGEMENT CONSULTING

Figure 2

SAMPLE LOCATION MAP

285 and 1743 South Willow Avenue
213, 241, 253, and 261 West Valley Boulevard
Rialto, California

ATTACHMENT A

Laboratory Reports

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Appendix F-1

Preliminary Water Quality Management Plan

Preliminary

Water Quality Management Plan

For:

Patriot –Alice Industrial

APN: 0132-171-01, -02, -03, -04, -05, -08, -09, -10, -13, & 0254-111-01

Prepared for:

Patriot Development Partners

12126 W. Sunset Boulevard

Los Angeles, CA 90094

858-952-4134

Prepared by:

Huitt-Zollars, Inc

3990 Concours, Suite 330

Ontario, CA 91764

909-941-7799

Submittal Date: 07/06/2022

Revision Date: _____

Approval Date:_____

Project Owner's Certification

This Water Quality Management Plan (WQMP) has been prepared for Patriot Development Partners by Huitt-Zollars. Inc. The WQMP is intended to comply with the requirements of the City of Rialto and the NPDES Areawide Stormwater Program requiring the preparation of a WQMP. The undersigned, while it owns the subject property, is responsible for the implementation of the provisions of this plan and will ensure that this plan is amended as appropriate to reflect up-to-date conditions on the site consistent with San Bernardino County's Municipal Storm Water Management Program and the intent of the NPDES Permit for San Bernardino County and the incorporated cities of San Bernardino County within the Santa Ana Region. Once the undersigned transfers its interest in the property, its successors in interest and the city/county shall be notified of the transfer. The new owner will be informed of its responsibility under this WQMP. A copy of the approved WQMP shall be available on the subject site in perpetuity.

"I certify under a penalty of law that the provisions (implementation, operation, maintenance, and funding) of the WQMP have been accepted and that the plan will be transferred to future successors."

Project Data			
Permit/Application Number(s):	TBD	Grading Permit Number(s):	TBD
Tract/Parcel Map Number(s):	TBD	Building Permit Number(s):	TBD
CUP, SUP, and/or APN (Specify Lot Numbers if Portions of Tract):			APN: 0132-171-01, -02, -03, -04, -05, -08, -09, -10, -13, & 0254-111-01

Owner's Signature			
Owner Name: Kevin Rice			
Title	Principal		
Company	Patriot Development Partners		
Address	12126 W Sunset Boulevard, Los Angeles, CA 90094		
Email	kevin@patriotdevelopmentpartners.com		
Telephone #	858-952-4134		
Signature		Date	

Preparer's Certification

Project Data			
Permit/Application Number(s):	TBD	Grading Permit Number(s):	TBD
Tract/Parcel Map Number(s):		Building Permit Number(s):	TBD
CUP, SUP, and/or APN (Specify Lot Numbers if Portions of Tract):			APN: 0132-171-01, -02, -03, -04, -05, -08, -09, -10, -13, & 0254-111-01

"The selection, sizing and design of stormwater treatment and other stormwater quality and quantity control measures in this plan were prepared under my oversight and meet the requirements of Regional Water Quality Control Board Order No. R8-2010-0036."

Engineer: Johnny Murad		PE Stamp Below
Title	Project Manager	
Company	Huitt-Zollars, Inc	
Address	3990 Concours, Suite 330. Ontario, CA 91764	
Email	jmurad@huitt-zollars.com	
Telephone #	909-941-7799	
Signature		
Date		

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Form 4.3-10 Hydromodification Control BMP 4-24
Form 5-1 BMP Inspection and Maintenance 5-1

Attachment A: WQMP Site Map

Attachment B: BMP Details and Calculations

Attachment C: Sample Educational Materials

Attachment D: Infiltration Report

Section 1 Discretionary Permit(s)

Form 1-1 Project Information					
Project Name	Willow at Valley Industrial				
Project Owner Contact Name:	Kevin Rice				
Mailing Address:	12126 W Sunset Boulevard, Los Angeles, CA 90094	E-mail Address:	kevin@patriotdevelopmentpartners.com	Telephone:	858-952-4134
Permit/Application Number(s):	TBD		Tract/Parcel Map Number(s):	TBD	
Additional Information/ Comments:	N/A				
Description of Project:	This project is a new development of an industrial warehouse facility located in the City of Rialto. The site is currently developed with 7 structures, paved lots, and an unpaved vehicle storage yard. The proposed building is approximately 141,000 square feet in size on approximately 6.2 acres of developed land. All on-site run-off will be collected by catch basins and conveyed to the underground infiltration and retention chamber system and will overflow onto Alice Avenue through a parkway drain.				
Provide summary of Conceptual WQMP conditions (if previously submitted and approved). Attach complete copy.	N/A				

Section 2 Project Description

2.1 Project Information

This section of the WQMP should provide the information listed below. The information provided for Conceptual/ Preliminary WQMP should give sufficient detail to identify the major proposed site design and LID BMPs and other anticipated water quality features that impact site planning. Final Project WQMP must specifically identify all BMP incorporated into the final site design and provide other detailed information as described herein.

The purpose of this information is to help determine the applicable development category, pollutants of concern, watershed description, and long term maintenance responsibilities for the project, and any applicable water quality credits. This information will be used in conjunction with the information in Section 3, Site Description, to establish the performance criteria and to select the LID BMP or other BMP for the project or other alternative programs that the project will participate in, which are described in Section 4.

Form 2.1-1 Description of Proposed Project

1 Development Category (Select all that apply):

☐ Significant re-development involving the addition or replacement of 5,000 ft² or more of impervious surface on an already developed site	☒ New development involving the creation of 10,000 ft² or more of impervious surface collectively over entire site	☐ Automotive repair shops with standard industrial classification (SIC) codes 5013, 5014, 5541, 7532- 7534, 7536-7539	☐ Restaurants (with SIC code 5812) where the land area of development is 5,000 ft² or more
☐ Hillside developments of 5,000 ft² or more which are located on areas with known erosive soil conditions or where the natural slope is 25 percent or more	☐ Developments of 2,500 ft² of impervious surface or more adjacent to (within 200 ft) or discharging directly into environmentally sensitive areas or waterbodies listed on the CWA Section 303(d) list of impaired waters.	☐ Parking lots of 5,000 ft² or more exposed to storm water	☐ Retail gasoline outlets that are either 5,000 ft² or more, or have a projected average daily traffic of 100 or more vehicles per day

☐ Non-Priority / Non-Category Project *May require source control LID BMPs and other LIP requirements. Please consult with local jurisdiction on specific requirements*.

2 Project Area (ft2):	269,093	**3** Number of Dwelling Units:	N/A	**4** SIC Code:	1541

5 Is Project going to be phased? Yes ☐ No ☒ *If yes, ensure that the WQMP evaluates each phase as a distinct DA, requiring LID BMPs to address runoff at time of completion.*

6 Does Project include roads? Yes ☐ No ☒ *If yes, ensure that applicable requirements for transportation projects are addressed (see Appendix A of TGD for WQMP)*

2.2 Property Ownership/Management

Describe the ownership/management of all portions of the project and site. State whether any infrastructure will transfer to public agencies (City, County, Caltrans, etc.) after project completion. State if a homeowners or property owners association will be formed and be responsible for the long-term maintenance of project stormwater facilities. Describe any lot-level stormwater features that will be the responsibility of individual property owners.

Form 2.2-1 Property Ownership/Management

Describe property ownership/management responsible for long-term maintenance of WQMP stormwater facilities:

The property is being developed by Patriot Development Partners, Patriot Development Partners or subsequent ownership entity will be the entity responsible for long term maintenance of WQMP Storm Water Facilities throughout the site.

Name: Patriot Development Partners
Address: 12126 W Sunset Boulevard, Los Angeles, CA 90094
Contact Person: Kevin Rice/ Principal
Phone: 858-951-4134

2.3 Potential Stormwater Pollutants

Determine and describe expected stormwater pollutants of concern based on land uses and site activities (refer to Table 3-3 in the TGD for WQMP).

Form 2.3-1 Pollutants of Concern			
Pollutant	Please check: E=Expected, N=Not Expected		Additional Information and Comments
Pathogens (Bacterial / Virus)	E ☒	N ☐	Pathogens are typically caused by the transport of animal or human fecal wastes from the watershed.
Nutrients - Phosphorous	E ☒	N ☐	Primary sources of nutrients in urban runoff are fertilizers and eroded soils.
Nutrients - Nitrogen	E ☒	N ☐	Primary sources of nutrients in urban runoff are fertilizers and eroded soils.
Noxious Aquatic Plants	E ☒	N ☐	Noxious aquatic plants are typically from animals or vehicle transport that grow aggressively, multiply quickly without natural controls (native herbivores, soil chemistry, etc.), and adversely affect native habitats.
Sediment	E ☒	N ☐	Sediments are solid materials that are eroded from the land surface.
Metals	E ☒	N ☐	The primary source of metal pollution in stormwater is typically commercially available metals and metal products, as well as emissions from brake pad and tire tread wear associated with driving.
Oil and Grease	E ☒	N ☐	Primary sources of oil and grease are petroleum hydrocarbon products, motor products from leaking vehicles, esters, oils, fats, waxes, and high molecular-weight fatty acids.
Trash/Debris	E ☒	N ☐	Trash (such as paper, plastic, polystyrene packing foam, and aluminum materials) and biodegradable organic matter (such as leaves, grass cuttings, and food waste) are general waste from human or animals
Pesticides / Herbicides	E ☒	N ☐	Pesticides and herbicides can be washed off urban landscapes during storm events.
Organic Compounds	E ☒	N ☐	Sources of organic compounds may include waste handling areas and vehicle or landscape maintenance areas.
Other:	E ☐	N ☐	
Other:	E ☐	N ☐	
Other:	E ☐	N ☐	
Other:	E ☐	N ☐	

2.4 Water Quality Credits

A water quality credit program is applicable for certain types of development projects if it is not feasible to meet the requirements for on-site LID. Proponents for eligible projects, as described below, can apply for water quality credits that would reduce project obligations for selecting and sizing other treatment BMP or participating in other alternative compliance programs. Refer to Section 6.2 in the TGD for WQMP to determine if water quality credits are applicable for the project.

Form 2.4-1 Water Quality Credits

1 Project Types that Qualify for Water Quality Credits: *Select all that apply*			
☐ Redevelopment projects that reduce the overall impervious footprint of the project site. [Credit = % impervious reduced]	Higher density development projects ☐ Vertical density [20%] ☐ 7 units/ acre [5%]	☐ Mixed use development, (combination of residential, commercial, industrial, office, institutional, or other land uses which incorporate design principles that demonstrate environmental benefits not realized through single use projects) [20%]	☐ Brownfield redevelopment (redevelop real property complicated by presence or potential of hazardous contaminants) [25%]
☐ Redevelopment projects in established historic district, historic preservation area, or similar significant core city center areas [10%]	☐ Transit-oriented developments (mixed use residential or commercial area designed to maximize access to public transportation) [20%]	☐ In-fill projects (conversion of empty lots & other underused spaces < 5 acres, substantially surrounded by urban land uses, into more beneficially used spaces, such as residential or commercial areas) [10%]	☐ Live-Work developments (variety of developments designed to support residential and vocational needs) [20%]
2 Total Credit % 0 *(Total all credit percentages up to a maximum allowable credit of 50 percent)*			
Description of Water Quality Credit Eligibility (if applicable)	NOT APPLICABLE		

Section 3 Site and Watershed Description

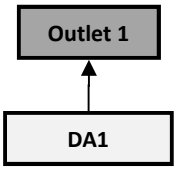
Describe the project site conditions that will facilitate the selection of BMP through an analysis of the physical conditions and limitations of the site and its receiving waters. Identify distinct drainage areas (DA) that collect flow from a portion of the site and describe how runoff from each DA (and sub-watershed DMAs) is conveyed to the site outlet(s). Refer to Section 3.2 in the TGD for WQMP. The form below is provided as an example. Then complete Forms 3.2 and 3.3 for each DA on the project site. ***If the project has more than one drainage area for stormwater management, then complete additional versions of these forms for each DA / outlet.***

Form 3-1 Site Location and Hydrologic Features

Site coordinates *take GPS measurement at approximate center of site*	Latitude 34.0699°	Longitude -117.3735°	Thomas Bros Map page 605

1 San Bernardino County climatic region: ☒ Valley ☐ Mountain

2 Does the site have more than one drainage area (DA): Yes☐ No☒ *If no, proceed to Form 3-2. If yes, then use this form to show a conceptual schematic describing DMAs and hydrologic feature connecting DMAs to the site outlet(s). An example is provided below that can be modified for proposed project or a drawing clearly showing DMA and flow routing may be attached*



Conveyance	Briefly describe on-site drainage features to convey runoff that is not retained within a DMA
DA1 to Outlet 1	Runoff from the area DA1 will be directed to the proposed underground infiltration chamber system beneath the truck stalls in the south. When the basin reaches capacity, it will overflow and discharge through a 4' parkway culvert to Alice Ave.
DA1 DMA B to Outlet 1	
DA2 to Outlet 2	

Form 3-2 Existing Hydrologic Characteristics for Drainage Area 1

For Drainage Area 1's sub-watershed DMA, provide the following characteristics	DMA A	DMA B	DMA C	DMA D
1 DMA drainage area (ft^2)	269,093	N/A	N/A	N/A
2 Existing site impervious area (ft^2)	132,813	N/A	N/A	N/A
3 Antecedent moisture condition *For desert areas, use http://www.sbcounty.gov/dpw/floodcontrol/pdf/20100412_map.pdf*	AMC III	N/A	N/A	N/A
4 Hydrologic soil group *Refer to Watershed Mapping Tool – http://permitrack.sbcounty.gov/wap/*	B	N/A	N/A	N/A
5 Longest flowpath length (ft)	534	N/A	N/A	N/A
6 Longest flowpath slope (ft/ft)	0.023	N/A	N/A	N/A
7 Current land cover type(s) *Select from Fig C-3 of Hydrology Manual*	Commercial	N/A	N/A	N/A
8 Pre-developed pervious area condition: *Based on the extent of wet season vegetated cover good >75%; Fair 50-75%; Poor <50% Attach photos of site to support rating*	Poor	N/A	N/A	N/A

Form 3-2 Existing Hydrologic Characteristics for Drainage Area 1 (use only as needed for additional DMA w/in DA 1)				
For Drainage Area 1's sub-watershed DMA, provide the following characteristics	DMA E	DMA F	DMA G	DMA H
1 DMA drainage area (ft^2)	N/A	N/A	N/A	N/A
2 Existing site impervious area (ft^2)	N/A	N/A	N/A	N/A
3 Antecedent moisture condition *For desert areas, use http://www.sbcounty.gov/dpw/floodcontrol/pdf/20100412_map.pdf*	N/A	N/A	N/A	N/A
4 Hydrologic soil group *Refer to Watershed Mapping Tool – http://permitrack.sbcounty.gov/wap/*	N/A	N/A	N/A	N/A
5 Longest flowpath length (ft)	N/A	N/A	N/A	N/A
6 Longest flowpath slope (ft/ft)	N/A	N/A	N/A	N/A
7 Current land cover type(s) *Select from Fig C-3 of Hydrology Manual*	N/A	N/A	N/A	N/A
8 Pre-developed pervious area condition: *Based on the extent of wet season vegetated cover good >75%; Fair 50-75%; Poor <50% Attach photos of site to support rating*	N/A	N/A	N/A	N/A

Form 3-3 Watershed Description for Drainage Area

Receiving waters *Refer to Watershed Mapping Tool - http://permitrack.sbcounty.gov/wap/ See 'Drainage Facilities" link at this website*	Rialto Channel, Santa Ana Reach 3, 2, 1, Prado Control basin, and Pacific Ocean.
Applicable TMDLs *Refer to Local Implementation Plan*	Per 2010 303(d) list, Santa Ana River Reach 3: TMDL still required. Prado Flood Control Basin: TMDL still required.
303(d) listed impairments *Refer to Local Implementation Plan and Watershed Mapping Tool – http://permitrack.sbcounty.gov/wap/ and State Water Resources Control Board website – http://www.waterboards.ca.gov/santaana/water_issues/programs/tmdl/index.shtml*	The project expects to generate Pathogens, Nutrients and Metals (Copper & Lead) which are listed for downstream receiving waters on the latest CWA 303(d) list.
Environmentally Sensitive Areas (ESA) *Refer to Watershed Mapping Tool – http://permitrack.sbcounty.gov/wap/*	None
Unlined Downstream Water Bodies *Refer to Watershed Mapping Tool – http://permitrack.sbcounty.gov/wap/*	Santa Ana River
Hydrologic Conditions of Concern	☒ Yes *Complete Hydrologic Conditions of Concern (HCOC) Assessment. Include Forms 4.2-2 through Form 4.2-5 and Hydromodification BMP Form 4.3-10 in submittal* ☐ No
Watershed–based BMP included in a RWQCB approved WAP	☐ Yes *Attach verification of regional BMP evaluation criteria in WAP* • *More Effective than On-site LID* • *Remaining Capacity for Project DCV* • *Upstream of any Water of the US* • *Operational at Project Completion* • *Long-Term Maintenance Plan* ☒ No

Section 4 Best Management Practices (BMP)

4.1 Source Control BMP

4.1.1 Pollution Prevention

Non-structural and structural source control BMP are required to be incorporated into all new development and significant redevelopment projects. Form 4.1-1 and 4.1-2 are used to describe specific source control BMPs used in the WQMP or to explain why a certain BMP is not applicable. Table 7-3 of the TGD for WQMP provides a list of applicable source control BMP for projects with specific types of potential pollutant sources or activities. The source control BMP in this table must be implemented for projects with these specific types of potential pollutant sources or activities.

The preparers of this WQMP have reviewed the source control BMP requirements for new development and significant redevelopment projects. The preparers have also reviewed the specific BMP required for project as specified in Forms 4.1-1 and 4.1-2. All applicable non-structural and structural source control BMP shall be implemented in the project.

Form 4.1-1 Non-Structural Source Control BMPs

Identifier	Name	Check One		Describe BMP Implementation OR, if not applicable, state reason
		Included	Not Applicable	
N1	Education of Property Owners, Tenants and Occupants on Stormwater BMPs	☒	☐	Property owners shall review and become familiar with the site specific WQMP. Additional educational materials for day to day operations are contained in Attachment C. Additional materials can be obtained from the local water pollution prevention program. Education of property owners begin with the review/preparation of the site specific WQMP and continues through the review of additional educational material as it applies to their project.
N2	Activity Restrictions	☒	☐	Activity restriction shall be stated in the owners lease terms prior to occupancy: • Fuelling areas, air/water supply areas, maintenance bays, vehicle washing areas, outdoor material storage areas, outdoor work areas, outdoor processing areas, wash water from food preparation areas within the project site will not be allowed on the project site. • Storage of hazardous materials will not be allowed on the project site. • All pesticide applications shall be performed by a licensed contractor certified by the California Department of Pesticide Regulation. • All dumpster lids shall be kept closed at all times. • Blowing, Sweeping or hosing of debris (leaf, litter, grass clippings, trash or debris) into the streets, underground stormdrain facilities or other storm water conveyance areas shall be strictly prohibited
N3	Landscape Management BMPs	☒	☐	A landscape architect will provide design plans for the on-site landscaping and irrigation system. The design shall incorporate the use of native and drought tolerant trees and shrubs throughout the project site.
N4	BMP Maintenance	☒	☐	Property owners shall maintain the designated on-site BMP areas, see Section 5 for self inspection and maintenance form
N5	Title 22 CCR Compliance (How development will comply)	☐	☒	Industrial purposed warehouse does not apply to Title 22 CCR.
N6	Local Water Quality Ordinances	☒	☐	Local Water Quality Ordinances will be addressed by implementation of this WQMP

Form 4.1-1 Non-Structural Source Control BMPs				
N7	Spill Contingency Plan	☒	☐	Industrial Warehouse buildings and truck dock areas have potential for spills and therefore each tenant shall be required to prepare a spill contingency plan and it shall be implemented in accordance with section 6.95 of the California Health and Safety Code. The spill contingency plan shall identify responsible persons in the event of a spill, an action item list identifying how the spill should be contained, cleaned up and who should be contacted in the event of a spill. Documentation of any spill event and cleanup process shall be kept on site in perpetuity.
N8	Underground Storage Tank Compliance	☐	☒	No underground storage tanks are proposed for this site.
N9	Hazardous Materials Disclosure Compliance	☐	☒	No hazardous materials are planned to be stored on this site.

Form 4.1-1 Non-Structural Source Control BMPs

Identifier	Name	Check One		Describe BMP Implementation OR, if not applicable, state reason
		Included	Not Applicable	
N10	Uniform Fire Code Implementation	☒	☐	Underground fire protection service and fire sprinklers will be provided per the uniform fire code and the requirements of the County of San Bernardino Fire Department.
N11	Litter/Debris Control Program	☒	☐	Trash storage areas will be designed to have adjacent areas drain away from the trash storage areas. The trash storage areas shall be inspected and maintained on a monthly basis. Collection of trash from the trash storage areas shall occur on a regular basis to ensure that the trash receptacles are not overflowing. Documentation of such inspection/maintenance and trash collection shall be kept by the owner in perpetuity. See the WQMP site map in Attachment A for anticipated location of trash storage areas.
N12	Employee Training	☒	☐	The following requirements shall be stated in the owners lease terms; an Employee Training/Education program shall be provided annually to help educate employees about storm water quality management and practices that help prevent storm water pollution. Documentation of such training/education program implementation shall be kept by the owner for a minimum of ten years. Sample education materials have been provided in Attachment C. Additional educational materials can be obtained from the City of Fontana or the County of San Bernardino storm water program.
N13	Housekeeping of Loading Docks	☒	☐	The project site will have truck docks. The truck docks shall be inspected on a weekly basis to help ensure that any trash and debris are collected prior to being washed into the underground storm drain system. All storm water runoff from the loading dock areas will be discharged into infiltration basins and/or underground infiltration system prior to conveyance to the public storm drain system. Documentation of such inspection/maintenance shall be kept by the owner in perpetuity.
N14	Catch Basin Inspection Program	☒	☐	The onsite catch basins shall be inspected on a quarterly basis. Inspection of the on-site catch basins shall consist of visual inspection of any sediment, trash or debris collected in the bottom of each catch basin. Any sediment, trash or debris found shall be removed from the catch basins and disposed of in a legal manner. Documentation of such inspection/maintenance shall be kept by the owner in perpetuity.

N15	Vacuum Sweeping of Private Streets and Parking Lots	☒	☐	The on-site parking lots, drive aisles, and loading dock areas shall be swept on a monthly basis. Documentation of such sweeping shall be kept by the owner in perpetuity. Frequency of sweeping shall be adjusted as needed to maintain a clean site.
N16	Other Non-structural Measures for Public Agency Projects	☐	☒	Not Applicable
N17	Comply with all other applicable NPDES permits	☒	☐	General construction permit "SWRCB Orders No. 2009-009-DWQ as amended by Order 2010-0014-DWQ"

Form 4.1-2 Structural Source Control BMPs

Identifier	Name	Check One		Describe BMP Implementation OR, If not applicable, state reason
		Included	Not Applicable	
S1	Provide storm drain system stencilling and signage (CASQA New Development BMP Handbook SD-13)	☒	☐	The on-site storm drain catch basins shall be stenciled with the phrase "Drains to River" or other approved language. The signage shall be inspected on an annual basis. Missing or faded signage shall be replaced. Documentation of such inspection/maintenance shall be kept by the owner in perpetuity.
S2	Design and construct outdoor material storage areas to reduce pollution introduction (CASQA New Development BMP Handbook SD-34)	☐	☒	No outdoor material storage areas are proposed for this site.
S3	Design and construct trash and waste storage areas to reduce pollution introduction (CASQA New Development BMP Handbook SD-32)	☒	☐	Trash storage areas will be designed to have adjacent areas drain away from the trash storage areas as well as have a permanent roof over them. The trash storage areas shall be inspected and maintained on a monthly basis. Collection of trash from the trash storage areas shall occur on a regular basis to ensure that the trash receptacles are not overflowing. Documentation of such inspection/maintenance and trash collection shall be kept by the owner in perpetuity. See the WQMP site map in Attachment A for anticipated location of trash storage areas.
S4	Use efficient irrigation systems & landscape design, water conservation, smart controllers, and source control (Statewide Model Landscape Ordinance; CASQA New Development BMP Handbook SD-12)	☒	☐	The landscape architect will provide design plans for the on-site irrigation system. The irrigation system shall be inspected on a monthly basis to ensure proper operation. Any broken sprinkler heads shall be repaired immediately to ensure that the system continues to operate efficiently. Documentation of such inspection/maintenance shall be kept by the owner in perpetuity.
S5	Finish grade of landscaped areas at a minimum of 1-2 inches below top of curb, sidewalk, or pavement	☒	☐	The landscape architect will provide design plans for the on-site landscaping and irrigation system. The design shall incorporate a finish grade of landscaping areas at a minimum of 1-2 inches below top of curb, sidewalk, or pavement throughout the project site.
S6	Protect slopes and channels and provide energy dissipation (CASQA New Development BMP Handbook SD-10)	☐	☒	No designed slope and channel are planned for this site.
S7	Covered dock areas (CASQA New Development BMP Handbook SD-31)	☐	☒	Docks are not covered.

Form 4.1-2 Structural Source Control BMPs

Identifier	Name	Check One		Describe BMP Implementation OR, If not applicable, state reason
		Included	Not Applicable	
S8	Covered maintenance bays with spill containment plans (CASQA New Development BMP Handbook SD-31)	☐	☒	No maintenance bays are planned for this site.
S9	Vehicle wash areas with spill containment plans (CASQA New Development BMP Handbook SD-33)	☐	☒	No vehicle wash areas are planned for this site.
S10	Covered outdoor processing areas (CASQA New Development BMP Handbook SD-36)	☐	☒	No outdoor processing areas are planned for this site.
S11	Equipment wash areas with spill containment plans (CASQA New Development BMP Handbook SD-33)	☐	☒	No equipment wash areas are planned for this site.
S12	Fueling areas (CASQA New Development BMP Handbook SD-30)	☐	☒	No fueling areas are planned for this site.
S13	Hillside landscaping (CASQA New Development BMP Handbook SD-10)	☐	☒	No hillside landscaping are planned in this area.
S14	Wash water control for food preparation areas	☐	☒	Food preparation areas are not planned for this site.
S15	Community car wash racks (CASQA New Development BMP Handbook SD-33)	☐	☒	No community car wash racks are planned for this site.

4.1.2 Preventative LID Site Design Practices

Site design practices associated with new LID requirements in the MS4 Permit should be considered in the earliest phases of a project. Preventative site design practices can result in smaller DCV for LID BMP and hydromodification control BMP by reducing runoff generation. Describe site design and drainage plan including:

- A narrative of site design practices utilized or rationale for not using practices
- A narrative of how site plan incorporates preventive site design practices
- Include an attached Site Plan layout which shows how preventative site design practices are included in WQMP

Refer to Section 5.2 of the TGD for WQMP for more details.

Form 4.1-3 Preventative LID Site Design Practices Checklist

Site Design Practices *If yes, explain how preventative site design practice is addressed in project site plan. If no, other LID BMPs must be selected to meet targets*
Minimize impervious areas: Yes ☐ No ☒ Explanation: The developer has chosen to maximize the building and parking footprint. An underground infiltration system is sized accordingly.
Maximize natural infiltration capacity: Yes ☒ No ☐ Explanation: The entire site drains to the underground infiltration system thereby maximizing the natural infiltration capacity.
Preserve existing drainage patterns and time of concentration: Yes ☒ No ☐ Explanation: The proposed condition will mimic the existing condition southeasterly drainage pattern. The runoff will drain to a proposed on-site underground infiltration system; overflow will discharge on to Alice Avenue. The underground infiltration system will lengthen the time of concentration which will result in a lower runoff rate than the existing condition.
Disconnect impervious areas: Yes ☐ No ☒ Explanation: The site layout does not allow for roof drains to discharge to pervious areas.
Protect existing vegetation and sensitive areas: Yes ☐ No ☒ Explanation: The site has no existing vegetation or sensitive areas to protect. The planting of new vegetation will occur throughout the site.
Re-vegetate disturbed areas: Yes ☒ No ☐ Explanation: All Landscape area will be vegetated for stabilization.
Minimize unnecessary compaction in stormwater retention/infiltration basin/trench areas: Yes ☒ No ☐ Explanation: The soils in the proposed infiltration system footprints will be uncompacted in-place native material.
Utilize vegetated drainage swales in place of underground piping or imperviously lined swales: Yes ☒ No ☐ Explanation: Vegetated drainage swales will be utilized on the north, east, and west sides of the building in the proposed project site.

4.2 Project Performance Criteria

The purpose of this section of the Project WQMP is to establish targets for post-development hydrology based on performance criteria specified in the MS4 Permit. These targets include runoff volume for water quality control (referred to as LID design capture volume), and runoff volume, time of concentration, and peak runoff for protection of any downstream waterbody segments with a HCOC. ***If the project has more than one outlet for stormwater runoff, then complete additional versions of these forms for each DA / outlet.***

Methods applied in the following forms include:

- For LID BMP Design Capture Volume (DCV), the San Bernardino County Stormwater Program requires use of the P_6 method (MS4 Permit Section XI.D.6a.ii) – Form 4.2-1
- For HCOC pre- and post-development hydrologic calculation, the San Bernardino County Stormwater Program requires the use of the Rational Method (San Bernardino County Hydrology Manual Section D). Forms 4.2-2 through Form 4.2-5 calculate hydrologic variables including runoff volume, time of concentration, and peak runoff from the project site pre- and post-development using the Hydrology Manual Rational Method approach. For projects greater than 640 acres (1.0 mi^2), the Rational Method and these forms should not be used. For such projects, the Unit Hydrograph Method (San Bernardino County Hydrology Manual Section E) shall be applied for hydrologic calculations for HCOC performance criteria.

Refer to Section 4 in the TGD for WQMP for detailed guidance and instructions.

Form 4.2-1 LID BMP Performance Criteria for Design Capture Volume (DA 1)

1 Project area DA 1 (ft^2): 269,093	**2** Imperviousness after applying preventative site design practices (Imp%): 0.83	**3** Runoff Coefficient (Rc): 0.64 *$R_c = 0.858(Imp\%)^3-0.78(Imp\%)^2+0.774(Imp\%)+0.04$*
4 Determine 1-hour rainfall depth for a 2-year return period $P_{2yr-1hr}$ (in): 0.535 *http://hdsc.nws.noaa.gov/hdsc/pfds/sa/sca_pfds.html*		
5 Compute P_6, Mean 6-hr Precipitation (inches): 0.79 *P_6 = Item 4 *C_1, where C_1 is a function of site climatic region specified in Form 3-1 Item 1 (Valley = 1.4807; Mountain = 1.909; Desert = 1.2371)*		
6 Drawdown Rate *Use 48 hours as the default condition. Selection and use of the 24 hour drawdown time condition is subject to approval by the local jurisdiction. The necessary BMP footprint is a function of drawdown time. While shorter drawdown times reduce the performance criteria for LID BMP design capture volume, the depth of water that can be stored is also reduced.*		24-hrs ☐ 48-hrs ☒
7 Compute design capture volume, DCV (ft^3): 22,256 *DCV = 1/12 * [Item 1* Item 3 *Item 5 * C_2], where C_2 is a function of drawdown rate (24-hr = 1.582; 48-hr = 1.963)* *Compute separate DCV for each outlet from the project site per schematic drawn in Form 3-1 Item 2*		

Form 4.2-2 Summary of HCOC Assessment (DA 1)

Does project have the potential to cause or contribute to an HCOC in a downstream channel: Yes ☒ No ☐

Go to: *http://permitrack.sbcounty.gov/wap/*

If "Yes", then complete HCOC assessment of site hydrology for 2yr storm event using Forms 4.2-3 through 4.2-5 and insert results below

(Forms 4.2-3 through 4.2-5 may be replaced by computer software analysis based on the San Bernardino County Hydrology Manual)

If "No," then proceed to Section 4.3 Project Conformance Analysis

Condition	Runoff Volume (ft^3)	Time of Concentration (min)	Peak Runoff (cfs)
Pre-developed	**1** 50,521 *Form 4.2-3 Item 12*	**2** 7.97 *Form 4.2-4 Item 13*	**3** 9.01 *Form 4.2-5 Item 10*
Post-developed	**4** 46,766 *Form 4.2-3 Item 13*	**5** 11.93 *Form 4.2-4 Item 14*	**6** 7.08 *Form 4.2-5 Item 14*
Difference	**7** -3,755 *Item 4 – Item 1*	**8** -3.96 *Item 2 – Item 5*	**9** -1.93 *Item 6 – Item 3*
Difference (as % of pre-developed)	**10** -7.4 % *Item 7 / Item 1*	**11** -49.7 % *Item 8 / Item 2*	**12** -21.4 % *Item 9 / Item 3*

See Attachment B for supporting calculations.

We are generating less runoff and flow rate in the post developed site because the time of concentration and flow lengths are greater in the proposed allowing for more water to infiltrate into soils.

Form 4.2-3 HCOC Assessment for Runoff Volume (DA 1)

Weighted Curve Number Determination for: Pre-developed DA	DMA A	DMA B	DMA C	DMA D	DMA E	DMA F	DMA G	DMA H
1a Land Cover type	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2a Hydrologic Soil Group (HSG)	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3a DMA Area, ft² *sum of areas of DMA should equal area of DA*	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4a Curve Number (CN) *use Items 1 and 2 to select the appropriate CN from Appendix C-2 of the TGD for WQMP*	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Weighted Curve Number Determination for: Post-developed DA	-	DMA B	DMA C	DMA D	DMA E	DMA F	DMA G	DMA H
1b Land Cover type	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2b Hydrologic Soil Group (HSG)	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3b DMA Area, ft² *sum of areas of DMA should equal area of DA*	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4b Curve Number (CN) *use Items 5 and 6 to select the appropriate CN from Appendix C-2 of the TGD for WQMP*	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A

5 Pre-Developed area-weighted CN: -	**7** Pre-developed soil storage capacity, S (in): - *S = (1000 / Item 5) - 10*	**9** Initial abstraction, I_a (in): - *I_a = 0.2 * Item 7*
6 Post-Developed area-weighted CN: -	**8** Post-developed soil storage capacity, S (in): - *S = (1000 / Item 6) - 10*	**10** Initial abstraction, I_a (in): - *I_a = 0.2 * Item 8*

11 Precipitation for 2 yr, 24 hr storm (in): -
Go to: http://hdsc.nws.noaa.gov/hdsc/pfds/sa/sca_pfds.html

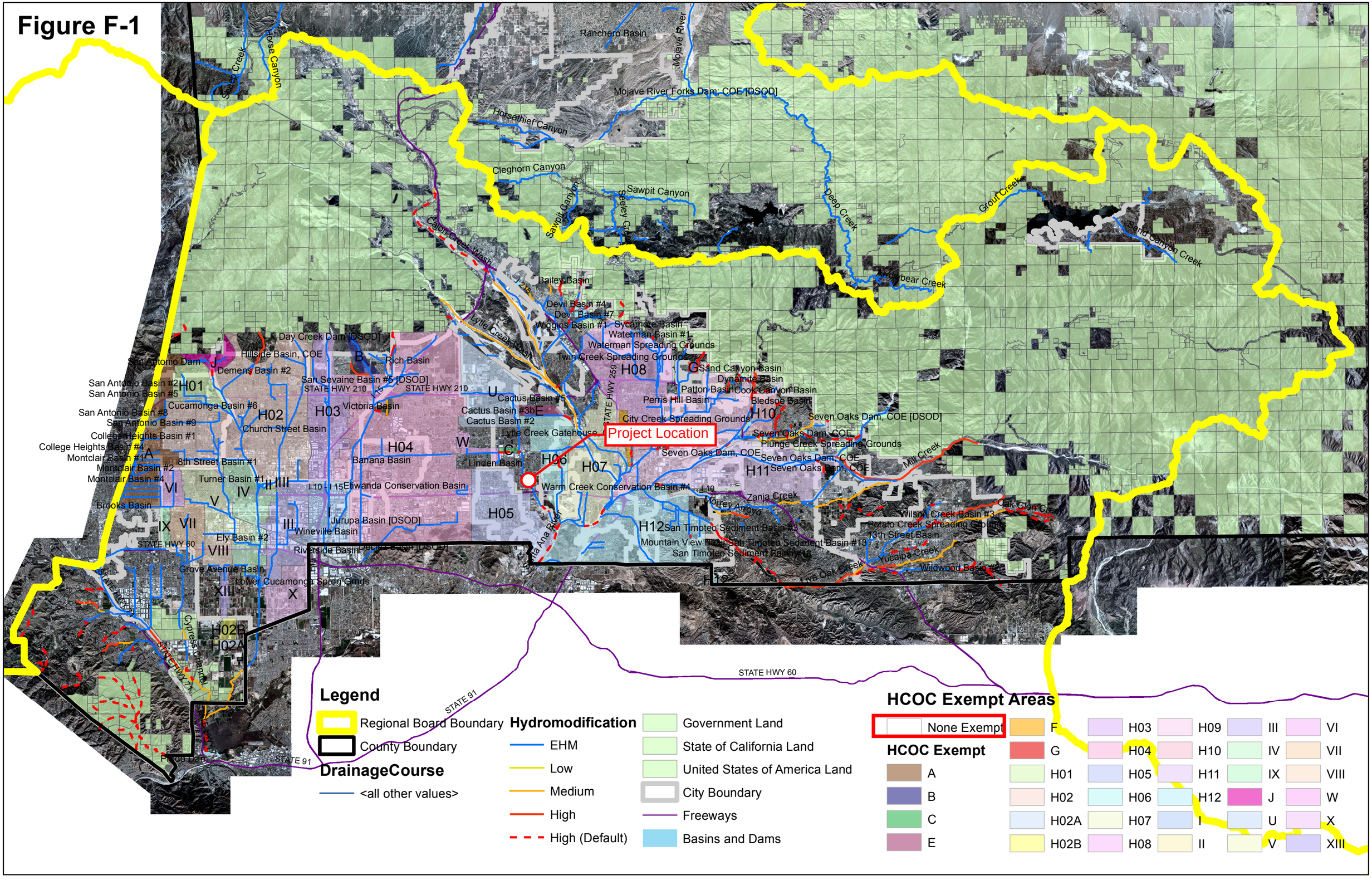
12 Pre-developed Volume (ft³): -
*V_{pre} =(1 / 12) * (Item sum of Item 3) * [(Item 11 – Item 9)^2 / ((Item 11 – Item 9 + Item 7)*

13 Post-developed Volume (ft³): -
*V_{pre} =(1 / 12) * (Item sum of Item 3) * [(Item 11 – Item 10)^2 / ((Item 11 – Item 10 + Item 8)*

14 Volume Reduction needed to meet HCOC Requirement, (ft³): -
*V_{HCOC} = (Item 13 * 0.95) – Item 12*

See Attachment B for supporting calculations.

Figure F-1


Project Location
Ranchero Basin
Mojave River
Mojave River Forks Dam, COE [DSOD]
Horsethief Canyon
Cleghorn Canyon
Sawpit Canyon
Deep Creek
Grout Creek
Bear Canyon Creek
Cajon Creek Wash
Lytle Creek Wash
Bailey Basin
Devil Basin #4
Devil Basin #7
Wiggins Basin #1
Sycamore Basin
Waterman Basin #1
Waterman Spreading Grounds
Twin Creek Spreading Grounds
Day Creek Dam [DSOD]
Hillside Basin, COE
San Antonio Dam
Demens Basin #2
Rich Basin
San Sevaine Basin #5 [DSOD]
Sand Canyon Basin
Dynamite Basin
Patton Basin
Cook Canyon Basin
Perris Hill Basin
Bledsoe Basin
San Antonio Basin #2
San Antonio Basin #5
Cucamonga Basin #6
San Antonio Basin #8
San Antonio Basin #9
College Heights Basin #1
College Heights Basin #4
Montclair Basin #1
Montclair Basin #2
Montclair Basin #4
Victoria Basin
Cactus Basin #5
Cactus Basin #3b
Cactus Basin #2
Lytle Creek Gatehouse
City Creek Spreading Grounds
Seven Oaks Dam, COE [DSOD]
Seven Oaks Dam, COE
Plunge Creek Spreading Grounds
Church Street Basin
8th Street Basin #1
Turner Basin #1
Banana Basin
Linden Basin
Mill Creek
Etiwanda Conservation Basin
Warm Creek Conservation Basin #4
Zanja Creek
Morrey Arroyo
Oak Glen Creek
Brooks Basin
Jurupa Basin [DSOD]
Wineville Basin
Ely Basin #2
Riverside Basin
Pedley Basin [DSOD]
Wilson Creek Basin #3
Potato Creek Spreading Grounds
13th Street Basin
San Timoteo Sediment Basin #9
Mountain View Basin
San Timoteo Sediment Basin #19
San Timoteo Sediment Basin #18
Yucaipa Creek
Wildwood Basin #2
Oak Creek
Santa Ana River
Grove Avenue Basin
Lower Cucamonga Spdg. Grnds
Cypress Channel
Prado Dam
STATE HWY 60
STATE HWY 210
STATE HWY 259
STATE HWY 71
STATE HWY 91
I 10
I 15
I 215
H01
H02
H02A
H02B
H03
H04
H05
H06
H07
H08
H09
H10
H11
H12
H13
A
B
C
E
F
G
I
J
U
W
X
II
III
IV
V
VI
VII
VIII
IX
XIII
Legend
Regional Board Boundary
County Boundary
DrainageCourse
<all other values>
Hydromodification
EHM
Low
Medium
High
High (Default)
Government Land
State of California Land
United States of America Land
City Boundary
Freeways
Basins and Dams
HCOC Exempt Areas
None Exempt
HCOC Exempt
A
B
C
E
F
G
H01
H02
H02A
H02B
H03
H04
H05
H06
H07
H08
H09
H10
H11
H12
I
II
III
IV
V
VI
VII
VIII
IX
J
U
W
X
XIII

Hydromodification

A.1 Hydrologic Conditions of Concern (HCOC) Analysis

HCOC Exemption:

1. **Sump Condition:** All downstream conveyance channel to an adequate sump (for example, Prado Dam, Santa Ana River, or other Lake, Reservoir or naturally erosion resistant feature) that will receive runoff from the project are engineered and regularly maintained to ensure design flow capacity; no sensitive stream habitat areas will be adversely affected; or are not identified on the Co-Permittees Hydromodification Sensitivity Maps.

2. **Pre = Post**: The runoff flow rate, volume and velocity for the post-development condition of the Priority Development Project do not exceed the pre-development (i.e, naturally occurring condition for the 2-year, 24-hour rainfall event utilizing latest San Bernardino County Hydrology Manual.

    a. Submit a substantiated hydrologic analysis to justify your request.

3. **Diversion to Storage Area**: The drainage areas that divert to water storage areas which are considered as control/release point and utilized for water conservation.

    a. See Appendix F for the HCOC Exemption Map and the on-line Watershed Geodatabase (http://sbcounty.permitrack.com/wap) for reference.

4. **Less than One Acre**: The Priority Development Project disturbs less than one acre. The Co-permittee has the discretion to require a Project Specific WQMP to address HCOCs on projects less than one acre on a case by case basis. The project disturbs less than one acre and is not part of a common plan of development.

5. **Built Out Area**: The contributing watershed area to which the project discharges has a developed area percentage greater than 90 percent.

    a. See Appendix F for the HCOC Exemption Map and the on-line Watershed Geodatabase (http://sbcounty.permitrack.com/wap) for reference.

Summary of HCOC Exempted Area

	HCOC Exemption reasoning				
	1	2	3	4	5
Area					
A			X		X
B			X		
C					X
E			X		
F					X
G			X		X
H01	X		X		
H02	X		X		
H02A	X		X		
H02B			X		
H03			X		
H04	X		X		
H05	X				
H06			X		
H07	X				
H08	X		X		
H09	X				
H10	X		X		
H11	X		X		
H12	X				
J			X		
U			X		
W			X		
I			X		
II			X		
III					X
IV			X		X
V			X*		
VI					X
VII					X
VIII			X		
IX					X
X			X		
XIII			X		

*Detention/Conservation Basin

Form 4.2-4 HCOC Assessment for Time of Concentration (DA 1)

Compute time of concentration for pre and post developed conditions for each DA *(For projects using the Hydrology Manual complete the form below)*

Variables	Pre-developed DA1 *Use additional forms if there are more than 4 DMA*				Post-developed DA1 *Use additional forms if there are more than 4 DMA*			
	DMA A	DMA B	DMA C	DMA D	DMA A	DMA B	DMA C	DMA D
1 Length of flowpath (ft) *Use Form 3-2 Item 5 for pre-developed condition*	-	N/A	N/A	N/A	-	N/A	N/A	N/A
2 Change in elevation (ft)	-	N/A	N/A	N/A	-	N/A	N/A	N/A
3 Slope (ft/ft), S_o = *Item 2 / Item 1*	-	N/A	N/A	N/A	-	N/A	N/A	N/A
4 Land cover	-	N/A	N/A	N/A	-	N/A	N/A	N/A
5 Initial DMA Time of Concentration (min) *Appendix C-1 of the TGD for WQMP*	-	N/A	N/A	N/A	-	N/A	N/A	N/A
6 Length of conveyance from DMA outlet to project site outlet (ft) *May be zero if DMA outlet is at project site outlet*	-	N/A	N/A	N/A	-	N/A	N/A	N/A
7 Cross-sectional area of channel (ft^2)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 Wetted perimeter of channel (ft)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9 Manning's roughness of channel (n)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10 Channel flow velocity (ft/sec) V_{fps} = *(1.49 / Item 9) * (Item 7/Item 8)^0.67 * (Item 3)^0.5*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11 Travel time to outlet (min) T_t = *Item 6 / (Item 10 * 60)*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12 Total time of concentration (min) T_c = *Item 5 + Item 11*	14.25	N/A	N/A	N/A	11.50	N/A	N/A	N/A

13 Pre-developed time of concentration (min): - *Minimum of Item 12 pre-developed DMA*

14 Post-developed time of concentration (min): - *Minimum of Item 12 post-developed DMA*

15 Additional time of concentration needed to meet HCOC requirement (min): - $T_{C\text{-}HCOC}$ = *(Item 13 * 0.95) – Item 14*

See Attachment B for supporting calculations.

Form 4.2-5 HCOC Assessment for Peak Runoff (DA 1)

Compute peak runoff for pre- and post-developed conditions

Variables		Pre-developed DA to Project Outlet (*Use additional forms if more than 3 DMA)*			Post-developed DA to Project Outlet (*Use additional forms if more than 3 DMA)*		
		DMA A	DMA B	DMA C	DMA A	DMA B	DMA C
1 Rainfall Intensity for storm duration equal to time of concentration *I_{peak} = 10^(LOG Form 4.2-1 Item 4 - 0.6 LOG Form 4.2-4 Item 5 /60)*		-	N/A	N/A	1.49	N/A	N/A
2 Drainage Area of each DMA (Acres) *For DMA with outlet at project site outlet, include upstream DMA (Using example schematic in Form 3-1, DMA A will include drainage from DMA C)*		-	N/A	N/A	7.91	N/A	N/A
3 Ratio of pervious area to total area *For DMA with outlet at project site outlet, include upstream DMA (Using example schematic in Form 3-1, DMA A will include drainage from DMA C)*		-	N/A	N/A	.15	N/A	N/A
4 Pervious area infiltration rate (in/hr) *Use pervious area CN and antecedent moisture condition with Appendix C-3 of the TGD for WQMP*		-	N/A	N/A	0.22	N/A	N/A
5 Maximum loss rate (in/hr) *F_m = Item 3 * Item 4* *Use area-weighted F_m from DMA with outlet at project site outlet, include upstream DMA (Using example schematic in Form 3-1, DMA A will include drainage from DMA C)*		-	N/A	N/A	.03	N/A	N/A
6 Peak Flow from DMA (cfs) *Q_p =Item 2 * 0.9 * (Item 1 - Item 5)*		-	N/A	N/A	10.39	N/A	N/A
7 Time of concentration adjustment factor for other DMA to site discharge point *Form 4.2-4 Item 12 DMA / Other DMA upstream of site discharge point (If ratio is greater than 1.0, then use maximum value of 1.0)*	DMA A	*n/a*	N/A	N/A	*n/a*	N/A	N/A
	DMA B	N/A	*n/a*	N/A	N/A	*n/a*	N/A
	DMA C	N/A	N/A	*n/a*	N/A	N/A	*n/a*

8 Pre-developed Q_p at T_c for DMA A: - *Q_p = Item 6_{DMAA} + [Item 6_{DMAB} * (Item 1_{DMAA} - Item 5_{DMAB})/(Item 1_{DMAB} - Item 5_{DMAB})* Item $7_{DMAA/2}$] + [Item 6_{DMAC} * (Item 1_{DMAA} - Item 5_{DMAC})/(Item 1_{DMAC} - Item 5_{DMAC})* Item $7_{DMAA/3}$]*	**9** Pre-developed Q_p at T_c for DMA B: N/A *Q_p = Item 6_{DMAB} + [Item 6_{DMAA} * (Item 1_{DMAB} - Item 5_{DMAA})/(Item 1_{DMAA} - Item 5_{DMAA})* Item $7_{DMAB/1}$] + [Item 6_{DMAC} * (Item 1_{DMAB} - Item 5_{DMAC})/(Item 1_{DMAC} - Item 5_{DMAC})* Item $7_{DMAB/3}$]*	**10** Pre-developed Q_p at T_c for DMA C: N/A *Q_p = Item 6_{DMAC} + [Item 6_{DMAA} * (Item 1_{DMAC} - Item 5_{DMAA})/(Item 1_{DMAA} - Item 5_{DMAA})* Item $7_{DMAC/1}$] + [Item 6_{DMAB} * (Item 1_{DMAC} - Item 5_{DMAB})/(Item 1_{DMAB} - Item 5_{DMAB})* Item $7_{DMAC/2}$]*
10 Peak runoff from pre-developed condition confluence analysis (cfs): - *Maximum of Item 8, 9, and 10 (including additional forms as needed)*		
11 Post-developed Q_p at T_c for DMA A: - *Same as Item 8 for post-developed values*	**12** Post-developed Q_p at T_c for DMA B: N/A *Same as Item 9 for post-developed values*	**13** Post-developed Q_p at T_c for DMA C: N/A *Same as Item 10 for post-developed values*
14 Peak runoff from post-developed condition confluence analysis (cfs): - *Maximum of Item 11, 12, and 13 (including additional forms as needed)*		
15 Peak runoff reduction needed to meet HCOC Requirement (cfs): - *$Q_{p\text{-}HCOC}$ = (Item 14 * 0.95) – Item 10*		

See Attachment B for supporting calculations.

4.3 Project Conformance Analysis

Complete the following forms for each project site DA to document that the proposed LID BMPs conform to the project DCV developed to meet performance criteria specified in the MS4 Permit (WQMP Template Section 4.2). For the LID DCV, the forms are ordered according to hierarchy of BMP selection as required by the MS4 Permit (see Section 5.3.1 in the TGD for WQMP). The forms compute the following for on-site LID BMP:

- Site Design and Hydrologic Source Controls (Form 4.3-2)
- Retention and Infiltration (Form 4.3-3)
- Harvested and Use (Form 4.3-4) or
- Biotreatment (Form 4.3-5).

At the end of each form, additional fields facilitate the determination of the extent of mitigation provided by the specific BMP category, allowing for use of the next category of BMP in the hierarchy, if necessary.

The first step in the analysis, using Section 5.3.2.1 of the TGD for WQMP, is to complete Forms 4.3-1 and 4.3-3) to determine if retention and infiltration BMPs are infeasible for the project. For each feasibility criterion in Form 4.3-1, if the answer is "Yes," provide all study findings that includes relevant calculations, maps, data sources, etc. used to make the determination of infeasibility.

Next, complete Forms 4.3-2 and 4.3-4 to determine the feasibility of applicable HSC and harvest and use BMPs, and, if their implementation is feasible, the extent of mitigation of the DCV.

If no site constraints exist that would limit the type of BMP to be implemented in a DA, evaluate the use of combinations of LID BMPs, including all applicable HSC BMPs to maximize on-site retention of the DCV. If no combination of BMP can mitigate the entire DCV, implement the single BMP type, or combination of BMP types, that maximizes on-site retention of the DCV within the minimum effective area.

If the combination of LID HSC, retention and infiltration, and harvest and use BMPs are unable to mitigate the entire DCV, then biotreatment BMPs may be implemented by the project proponent. If biotreatment BMPs are used, then they must be sized to provide sufficient capacity for effective treatment of the remainder of the volume-based performance criteria that cannot be achieved with LID BMPs (TGD for WQMP Section 5.4.4.2). **Under no circumstances shall any portion of the DCV be released from the site without effective mitigation and/or treatment**.

Form 4.3-1 Infiltration BMP Feasibility (DA 1)

Feasibility Criterion – Complete evaluation for each DA on the Project Site

[1] Would infiltration BMP pose significant risk for groundwater related concerns? Yes ☐ No ☒
Refer to Section 5.3.2.1 of the TGD for WQMP

If Yes, Provide basis: (attach)

[2] Would installation of infiltration BMP significantly increase the risk of geotechnical hazards? Yes ☐ No ☒
(Yes, if the answer to any of the following questions is yes, as established by a geotechnical expert):

- The location is less than 50 feet away from slopes steeper than 15 percent
- The location is less than eight feet from building foundations or an alternative setback.
- A study certified by a geotechnical professional or an available watershed study determines that stormwater infiltration would result in significantly increased risks of geotechnical hazards.

If Yes, Provide basis: (attach)

[3] Would infiltration of runoff on a Project site violate downstream water rights? Yes ☐ No ☒

If Yes, Provide basis: (attach)

[4] Is proposed infiltration facility located on hydrologic soil group (HSG) D soils or does the site geotechnical investigation indicate presence of soil characteristics, which support categorization as D soils? Yes ☐ No ☒

If Yes, Provide basis: (attach)

[5] Is the design infiltration rate, after accounting for safety factor of 2.0, below proposed facility less than 0.3 in/hr (accounting for soil amendments)? Yes ☐ No ☒

If Yes, Provide basis: (attach)

[6] Would on-site infiltration or reduction of runoff over pre-developed conditions be partially or fully inconsistent with watershed management strategies as defined in the WAP, or impair beneficial uses? Yes ☐ No ☒
See Section 3.5 of the TGD for WQMP and WAP

If Yes, Provide basis: (attach)

[7] Any answer from Item 1 through Item 3 is "Yes": Yes ☐ No ☒
If yes, infiltration of any volume is not feasible onsite. Proceed to Form 4.3-4, Harvest and Use BMP. If no, then proceed to Item 8 below.

[8] Any answer from Item 4 through Item 6 is "Yes": Yes ☐ No ☒
If yes, infiltration is permissible but is not required to be considered. Proceed to Form 4.3-2, Hydrologic Source Control BMP. If no, then proceed to Item 9, below.

[9] All answers to Item 1 through Item 6 are "No":
Infiltration of the full DCV is potentially feasible, LID infiltration BMP must be designed to infiltrate the full DCV to the MEP. Proceed to Form 4.3-2, Hydrologic Source Control BMP.

4.3.1 Site Design Hydrologic Source Control BMP

Section XI.E. of the Permit emphasizes the use of LID preventative measures; and the use of LID HSC BMPs reduces the portion of the DCV that must be addressed in downstream BMPs. Therefore, all applicable HSC shall be provided except where they are mutually exclusive with each other, or with other BMPs. Mutual exclusivity may result from overlapping BMP footprints such that either would be potentially feasible by itself, but both could not be implemented. Please note that while there are no numeric standards regarding the use of HSC, if a project cannot feasibly meet BMP sizing requirements or cannot fully address HCOCs, feasibility of all applicable HSC must be part of demonstrating that the BMP system has been designed to retain the maximum feasible portion of the DCV. Complete Form 4.3-2 to identify and calculate estimated retention volume from implementing site design HSC BMP. Refer to Section 5.4.1 in the TGD for more detailed guidance.

Form 4.3-2 Site Design Hydrologic Source Control BMPs (DA 1)

1 Implementation of Impervious Area Dispersion BMP (i.e. routing runoff from impervious to pervious areas), excluding impervious areas planned for routing to on-lot infiltration BMP: Yes ☐ No ☒ *If yes, complete Items 2-5; If no, proceed to Item 6*	DA DMA BMP Type	DA DMA BMP Type	DA DMA BMP Type *(Use additional forms for more BMPs)*
2 Total impervious area draining to pervious area (ft^2)			
3 Ratio of pervious area receiving runoff to impervious area			
4 Retention volume achieved from impervious area dispersion (ft^3) *V = Item2 * Item 3 * (0.5/12), assuming retention of 0.5 inches of runoff*			
5 Sum of retention volume achieved from impervious area dispersion (ft^3):		$V_{retention}$ *=Sum of Item 4 for all BMPs*	
6 Implementation of Localized On-lot Infiltration BMPs (e.g. on-lot rain gardens): Yes ☐ No ☒ *If yes, complete Items 7-13 for aggregate of all on-lot infiltration BMP in each DA; If no, proceed to Item 14*	DA DMA BMP Type	DA DMA BMP Type	DA DMA BMP Type *(Use additional forms for more BMPs)*
7 Ponding surface area (ft^2)			
8 Ponding depth (ft)			
9 Surface area of amended soil/gravel (ft^2)			
10 Average depth of amended soil/gravel (ft)			
11 Average porosity of amended soil/gravel			
12 Retention volume achieved from on-lot infiltration (ft^3) $V_{retention}$ *= (Item 7 *Item 8) + (Item 9 * Item 10 * Item 11)*			
13 Runoff volume retention from on-lot infiltration (ft^3):		$V_{retention}$ *=Sum of Item 12 for all BMPs*	

Form 4.3-2 cont. Site Design Hydrologic Source Control BMPs (DA 1)

14 Implementation of evapotranspiration BMP (green, brown, or blue roofs): Yes ☐ No ☒ *If yes, complete Items 15-20. If no, proceed to Item 21*	DA DMA BMP Type	DA DMA BMP Type	DA DMA BMP Type *(Use additional forms for more BMPs)*
15 Rooftop area planned for ET BMP (ft^2)			
16 Average wet season ET demand (in/day) *Use local values, typical ~ 0.1*			
17 Daily ET demand (ft^3/day) *Item 15 * (Item 16 / 12)*			
18 Drawdown time (hrs) *Copy Item 6 in Form 4.2-1*			
19 Retention Volume (ft^3) *$V_{retention}$ = Item 17 * (Item 18 / 24)*			
20 Runoff volume retention from evapotranspiration BMPs (ft^3): *$V_{retention}$ =Sum of Item 19 for all BMPs*			
21 Implementation of Street Trees: Yes ☐ No ☒ *If yes, complete Items 22-25. If no, proceed to Item 26*	DA DMA BMP Type	DA DMA BMP Type	DA DMA BMP Type *(Use additional forms for more BMPs)*
22 Number of Street Trees			
23 Average canopy cover over impervious area (ft^2)			
24 Runoff volume retention from street trees (ft^3) *$V_{retention}$ = Item 22 * Item 23 * (0.05/12) assume runoff retention of 0.05 inches*			
25 Runoff volume retention from street tree BMPs (ft^3): *$V_{retention}$ = Sum of Item 24 for all BMPs*			
26 Implementation of residential rain barrel/cisterns: Yes ☐ No ☒ *If yes, complete Items 27-29; If no, proceed to Item 30*	DA DMA BMP Type	DA DMA BMP Type	DA DMA BMP Type *(Use additional forms for more BMPs)*
27 Number of rain barrels/cisterns			
28 Runoff volume retention from rain barrels/cisterns (ft^3) *$V_{retention}$ = Item 27 * 3*			
29 Runoff volume retention from residential rain barrels/Cisterns (ft3): *$V_{retention}$ =Sum of Item 28 for all BMPs*			
30 Total Retention Volume from Site Design Hydrologic Source Control BMPs: *Sum of Items 5, 13, 20, 25 and 29*			

4.3.2 Infiltration BMPs

Use Form 4.3-3 to compute on-site retention of runoff from proposed retention and infiltration BMPs. Volume retention estimates are sensitive to the percolation rate used, which determines the amount of runoff that can be infiltrated within the specified drawdown time. The infiltration safety factor reduces field measured percolation to account for potential inaccuracy associated with field measurements, declining BMP performance over time, and compaction during construction. Appendix D of the TGD for WQMP provides guidance on estimating an appropriate safety factor to use in Form 4.3-3.

If site constraints limit the use of BMPs to a single type and implementation of retention and infiltration BMPs mitigate no more than 40% of the DCV, then they are considered infeasible and the Project Proponent may evaluate the effectiveness of BMPs lower in the LID hierarchy of use (Section 5.5.1 of the TGD for WQMP)

If implementation of infiltrations BMPs is feasible as determined using Form 4.3-1, then LID infiltration BMPs shall be implemented to the MEP (section 4.1 of the TGD for WQMP).

.

Form 4.3-3 Infiltration LID BMP - including underground BMPs (DA 1)

1 Remaining LID DCV not met by site design HSC BMP (ft^3): 22,256 *V_{unmet} = Form 4.2-1 Item 7 - Form 4.3-2 Item 30*

BMP Type *Use columns to the right to compute runoff volume retention from proposed infiltration BMP (select BMP from Table 5-4 in TGD for WQMP) - Use additional forms for more BMPs*	DA 1 DMA 1 BMP Type ug	DA DMA BMP Type	DA DMA BMP Type *(Use additional forms for more BMPs)*
2 Infiltration rate of underlying soils (in/hr) *See Section 5.4.2 and Appendix D of the TGD for WQMP for minimum requirements for assessment methods*	6.2	N/A	N/A
3 Infiltration safety factor *See TGD Section 5.4.2 and Appendix D*	3	N/A	N/A
4 Design percolation rate (in/hr) *P_{design} = Item 2 / Item 3*	2.06	N/A	N/A
5 Ponded water drawdown time (hr) *Copy Item 6 in Form 4.2-1*	48	N/A	N/A
6 Maximum ponding depth (ft) *BMP specific, see Table 5-4 of the TGD for WQMP for BMP design details*	8	N/A	N/A
7 Ponding Depth (ft) *d_{BMP} = Minimum of (1/12*Item 4*Item 5) or Item 6*	8	N/A	N/A
8 Infiltrating surface area, SA_{BMP} (ft^2) *the lesser of the area needed for infiltration of full DCV or minimum space requirements from Table 5.7 of the TGD for WQMP*	11,200	N/A	N/A
9 Amended soil depth, d_{media} (ft) *Only included in certain BMP types, see Table 5-4 in the TGD for WQMP for reference to BMP design details*	N/A	N/A	N/A
10 Amended soil porosity	N/A	N/A	N/A
11 Gravel depth, d_{media} (ft) *Only included in certain BMP types, see Table 5-4 of the TGD for WQMP for BMP design details*	N/A	N/A	N/A
12 Gravel porosity	N/A	N/A	N/A
13 Duration of storm as basin is filling (hrs) *Typical ~ 3hrs*	N/A	N/A	N/A
14 Above Ground Retention Volume (ft^3) *$V_{retention}$ = Item 8 * [Item7 + (Item 9 * Item 10) + (Item 11 * Item 12) + (Item 13 * (Item 4 / 12))]*	0	N/A	N/A
15 Underground Retention Volume (ft^3) *Volume determined using manufacturer's specifications and calculations*	70,600	N/A	N/A

16 Total Retention Volume from LID Infiltration BMPs: 70,600 *(Sum of Items 14 and 15 for all infiltration BMP included in plan)*

17 Fraction of DCV achieved with infiltration BMP: 317.22% *Retention% = Item 16 / Form 4.2-1 Item 7*

18 Is full LID DCV retained onsite with combination of hydrologic source control and LID retention/infiltration BMPs? Yes ☒ No ☐

If yes, demonstrate conformance using Form 4.3-10; If no, then reduce Item 3, Factor of Safety to 2.0 and increase Item 8, Infiltrating Surface Area, such that the portion of the site area used for retention and infiltration BMPs equals or exceeds the minimum effective area thresholds (Table 5-7 of the TGD for WQMP) for the applicable category of development and repeat all above calculations.

4.3.3 Harvest and Use BMP

Harvest and use BMP may be considered if the full LID DCV cannot be met by maximizing infiltration BMPs. Use Form 4.3-4 to compute on-site retention of runoff from proposed harvest and use BMPs.

Volume retention estimates for harvest and use BMPs are sensitive to the on-site demand for captured stormwater. Since irrigation water demand is low in the wet season, when most rainfall events occur in San Bernardino County, the volume of water that can be used within a specified drawdown period is relatively low. The bottom portion of Form 4.3-4 facilitates the necessary computations to show infeasibility if a minimum incremental benefit of 40 percent of the LID DCV would not be achievable with MEP implementation of on-site harvest and use of stormwater (Section 5.5.4 of the TGD for WQMP).

Form 4.3-4 Harvest and Use BMPs (DA 1)

1 Remaining LID DCV not met by site design HSC or infiltration BMP (ft^3): 0
V_{unmet} = Form 4.2-1 Item 7 - Form 4.3-2 Item 30 – Form 4.3-3 Item 16

BMP Type(s) *Compute runoff volume retention from proposed harvest and use BMP (Select BMPs from Table 5-4 of the TGD for WQMP) - Use additional forms for more BMPs*	DA DMA BMP Type	DA DMA BMP Type	DA DMA BMP Type *(Use additional forms for more BMPs)*
2 Describe cistern or runoff detention facility	N/A	N/A	N/A
3 Storage volume for proposed detention type (ft^3) *Volume of cistern*	N/A	N/A	N/A
4 Landscaped area planned for use of harvested stormwater (ft^2)	N/A	N/A	N/A
5 Average wet season daily irrigation demand (in/day) Use local values, typical ~ 0.1 in/day	N/A	N/A	N/A
6 Daily water demand (ft^3/day) *Item 4 * (Item 5 / 12)*	N/A	N/A	N/A
7 Drawdown time (hrs) *Copy Item 6 from Form 4.2-1*	N/A	N/A	N/A
8 Retention Volume (ft^3) *$V_{retention}$ = Minimum of (Item 3) or (Item 6 * (Item 7 / 24))*	N/A	N/A	N/A

9 Total Retention Volume (ft^3) from Harvest and Use BMP = 0 *Sum of Item 8 for all harvest and use BMP included in plan*

10 Is the full DCV retained with a combination of LID HSC, retention and infiltration, and harvest & use BMPs? Yes ☒ No ☐
If yes, demonstrate conformance using Form 4.3-10. If no, then re-evaluate combinations of all LID BMP and optimize their implementation such that the maximum portion of the DCV is retained on-site (using a single BMP type or combination of BMP types). If the full DCV cannot be mitigated after this optimization process, proceed to Section 4.3.4.

4.3.4 Biotreatment BMP

Biotreatment BMPs may be considered if the full LID DCV cannot be met by maximizing retention and infiltration, and harvest and use BMPs. A key consideration when using biotreatment BMP is the effectiveness of the proposed BMP in addressing the pollutants of concern for the project (see Table 5-5 of the TGD for WQMP).

Use Form 4.3-5 to summarize the potential for volume based and/or flow based biotreatment options to biotreat the remaining unmet LID DCV w. Biotreatment computations are included as follows:

- Use Form 4.3-6 to compute biotreatment in small volume based biotreatment BMP (e.g. bioretention w/underdrains);
- Use Form 4.3-7 to compute biotreatment in large volume based biotreatment BMP (e.g. constructed wetlands);
- Use Form 4.3-8 to compute sizing criteria for flow-based biotreatment BMP (e.g. bioswales)

Form 4.3-5 Selection and Evaluation of Biotreatment BMP (DA 1)

1 Remaining LID DCV not met by site design HSC, infiltration, or harvest and use BMP for potential biotreatment (ft^3): 0 *Form 4.2-1 Item 7 - Form 4.3-2 Item 30 – Form 4.3-3 Item 16- Form 4.3-4 Item 9*	List pollutants of concern *Copy from Form 2.3-1.*	
2 Biotreatment BMP Selected *(Select biotreatment BMP(s) necessary to ensure all pollutants of concern are addressed through Unit Operations and Processes, described in Table 5-5 of the TGD for WQMP)*	Volume-based biotreatment *Use Forms 4.3-6 and 4.3-7 to compute treated volume*	Flow-based biotreatment *Use Form 4.3-8 to compute treated volume*
	☐ Bioretention with underdrain ☐ Planter box with underdrain ☐ Constructed wetlands ☐ Wet extended detention ☐ Dry extended detention	☐ Vegetated swale ☐ Vegetated filter strip ☐ Proprietary biotreatment
3 Volume biotreated in volume based biotreatment BMP (ft^3): *Form 4.3-6 Item 15 + Form 4.3-7 Item 13*	**4** Compute remaining LID DCV with implementation of volume based biotreatment BMP (ft^3): *Item 1 – Item 3*	**5** Remaining fraction of LID DCV for sizing flow based biotreatment BMP: % *Item 4 / Item 1*
6 Flow-based biotreatment BMP capacity provided (cfs): *Use Figure 5-2 of the TGD for WQMP to determine flow capacity required to provide biotreatment of remaining percentage of unmet LID DCV (Item 5), for the project's precipitation zone (Form 3-1 Item 1)*		
7 Metrics for MEP determination: • Provided a WQMP with the portion of site area used for suite of LID BMP equal to minimum thresholds in Table 5-7 of the TGD for WQMP for the proposed category of development: ☐ *If maximized on-site retention BMPs is feasible for partial capture, then LID BMP implementation must be optimized to retain and infiltrate the maximum portion of the DCV possible within the prescribed minimum effective area. The remaining portion of the DCV shall then be mitigated using biotreatment BMP.*		

Form 4.3-6 Volume Based Biotreatment (DA 1) – Bioretention and Planter Boxes with Underdrains

Biotreatment BMP Type *(Bioretention w/underdrain, planter box w/underdrain, other comparable BMP)*	DA DMA BMP Type	DA DMA BMP Type	DA DMA BMP Type *(Use additional forms for more BMPs)*
1 Pollutants addressed with BMP *List all pollutant of concern that will be effectively reduced through specific Unit Operations and Processes described in Table 5-5 of the TGD for WQMP*	N/A	N/A	N/A
2 Amended soil infiltration rate *Typical ~ 5.0*	N/A	N/A	N/A
3 Amended soil infiltration safety factor *Typical ~ 2.0*	N/A	N/A	N/A
4 Amended soil design percolation rate (in/hr) P_{design} *= Item 2 / Item 3*	N/A	N/A	N/A
5 Ponded water drawdown time (hr) *Copy Item 6 from Form 4.2-1*	N/A	N/A	N/A
6 Maximum ponding depth (ft) *see Table 5-6 of the TGD for WQMP for reference to BMP design details*	N/A	N/A	N/A
7 Ponding Depth (ft) d_{BMP} *= Minimum of (1/12 * Item 4 * Item 5) or Item 6*	N/A	N/A	N/A
8 Amended soil surface area (ft^2)	N/A	N/A	N/A
9 Amended soil depth (ft) *see Table 5-6 of the TGD for WQMP for reference to BMP design details*	N/A	N/A	N/A
10 Amended soil porosity, *n*	N/A	N/A	N/A
11 Gravel depth (ft) *see Table 5-6 of the TGD for WQMP for reference to BMP design details*	N/A	N/A	N/A
12 Gravel porosity, *n*	N/A	N/A	N/A
13 Duration of storm as basin is filling (hrs) *Typical ~ 3hrs*	N/A	N/A	N/A
14 Biotreated Volume (ft^3) $V_{biotreated}$ *= Item 8 * [(Item 7/2) + (Item 9 * Item 10) +(Item 11 * Item 12) + (Item 13 * (Item 4 / 12))]*	N/A	N/A	N/A
15 Total biotreated volume from bioretention and/or planter box with underdrains BMP: 0 *Sum of Item 14 for all volume-based BMPs included in this form*			

Form 4.3-7 Volume Based Biotreatment (DA 1) – Constructed Wetlands and Extended Detention

Biotreatment BMP Type *Constructed wetlands, extended wet detention, extended dry detention, or other comparable proprietary BMP. If BMP includes multiple modules (e.g. forebay and main basin), provide separate estimates for storage and pollutants treated in each module.*	DA DMA BMP Type		DA DMA BMP Type *(Use additional forms for more BMPs)*	
	Forebay	Basin	Forebay	Basin
1 Pollutants addressed with BMP forebay and basin *List all pollutant of concern that will be effectively reduced through specific Unit Operations and Processes described in Table 5-5 of the TGD for WQMP*	N/A	N/A	N/A	N/A
2 Bottom width (ft)	N/A	N/A	N/A	N/A
3 Bottom length (ft)	N/A	N/A	N/A	N/A
4 Bottom area (ft^2) A_{bottom} = *Item 2 * Item 3*	N/A	N/A	N/A	N/A
5 Side slope (ft/ft)	N/A	N/A	N/A	N/A
6 Depth of storage (ft)	N/A	N/A	N/A	N/A
7 Water surface area (ft^2) $A_{surface}$ =*(Item 2 + (2 * Item 5 * Item 6)) * (Item 3 + (2 * Item 5 * Item 6))*	N/A	N/A	N/A	N/A
8 Storage volume (ft^3) *For BMP with a forebay, ensure fraction of total storage is within ranges specified in BMP specific fact sheets, see Table 5-6 of the TGD for WQMP for reference to BMP design details* V =*Item 6 / 3 * [Item 4 + Item 7 + (Item 4 * Item 7)^0.5]*	N/A	N/A	N/A	N/A
9 Drawdown Time (hrs) *Copy Item 6 from Form 2.1*	N/A		N/A	
10 Outflow rate (cfs) Q_{BMP} = *(Item $8_{forebay}$ + Item 8_{basin}) / (Item 9 * 3600)*	N/A		N/A	
11 Duration of design storm event (hrs)	N/A		N/A	
12 Biotreated Volume (ft^3) $V_{biotreated}$ = *(Item $8_{forebay}$ + Item 8_{basin}) +(Item 10 * Item 11 * 3600)*	N/A		N/A	
13 Total biotreated volume from constructed wetlands, extended dry detention, or extended wet detention : 0 *(Sum of Item 12 for all BMP included in plan)*				

Form 4.3-8 Flow Based Biotreatment (DA 1)

Biotreatment BMP Type *Vegetated swale, vegetated filter strip, or other comparable proprietary BMP*	DA DMA BMP Type	DA DMA BMP Type	DA DMA BMP Type *(Use additional forms for more BMPs)*
1 Pollutants addressed with BMP *List all pollutant of concern that will be effectively reduced through specific Unit Operations and Processes described in TGD Table 5-5*	N/A	N/A	N/A
2 Flow depth for water quality treatment (ft) *BMP specific, see Table 5-6 of the TGD for WQMP for reference to BMP design details*	N/A	N/A	N/A
3 Bed slope (ft/ft) *BMP specific, see Table 5-6 of the TGD for WQMP for reference to BMP design details*	N/A	N/A	N/A
4 Manning's roughness coefficient	N/A	N/A	N/A
5 Bottom width (ft) *b_w = (Form 4.3-5 Item 6 * Item 4) / (1.49 * Item 2^1.67 * Item 3^0.5)*	N/A	N/A	N/A
6 Side Slope (ft/ft) *BMP specific, see Table 5-6 of the TGD for WQMP for reference to BMP design details*	N/A	N/A	N/A
7 Cross sectional area (ft^2) *A = (Item 5 * Item 2) + (Item 6 * Item 2^2)*	N/A	N/A	N/A
8 Water quality flow velocity (ft/sec) *V = Form 4.3-5 Item 6 / Item 7*	N/A	N/A	N/A
9 Hydraulic residence time (min) *Pollutant specific, see Table 5-6 of the TGD for WQMP for reference to BMP design details*	N/A	N/A	N/A
10 Length of flow based BMP (ft) *L = Item 8 * Item 9 * 60*	N/A	N/A	N/A
11 Water surface area at water quality flow depth (ft^2) *SA_{top} = (Item 5 + (2 * Item 2 * Item 6)) * Item 10*	N/A	N/A	N/A

4.3.5 Conformance Summary

Complete Form 4.3-9 to demonstrate how on-site LID DCV is met with proposed site design hydrologic source control, infiltration, harvest and use, and/or biotreatment BMP. The bottom line of the form is used to describe the basis for infeasibility determination for on-site LID BMP to achieve full LID DCV, and provides methods for computing remaining volume to be addressed in an alternative compliance plan. If the project has more than one outlet, then complete additional versions of this form for each outlet.

Form 4.3-9 Conformance Summary and Alternative Compliance Volume Estimate (DA 1)

1 Total LID DCV for the Project DA-1 (ft^3): 22,289 *Copy Item 7 in Form 4.2-1*

2 On-site retention with site design hydrologic source control LID BMP (ft^3): 0 *Copy Item 30 in Form 4.3-2*

3 On-site retention with LID infiltration BMP (ft^3): 70,600 *Copy Item 16 in Form 4.3-3*

4 On-site retention with LID harvest and use BMP (ft^3): 0 *Copy Item 9 in Form 4.3-4*

5 On-site biotreatment with volume based biotreatment BMP (ft^3): 0 *Copy Item 3 in Form 4.3-5*

6 Flow capacity provided by flow based biotreatment BMP (cfs): 0 *Copy Item 6 in Form 4.3-5*

7 LID BMP performance criteria are achieved if answer to any of the following is "Yes":

- Full retention of LID DCV with site design HSC, infiltration, or harvest and use BMP: Yes ☒ No ☐
  If yes, sum of Items 2, 3, and 4 is greater than Item 1
- Combination of on-site retention BMPs for a portion of the LID DCV and volume-based biotreatment BMP that address all pollutants of concern for the remaining LID DCV: Yes ☐ No ☐
  If yes, a) sum of Items 2, 3, 4, and 5 is greater than Item 1, and Items 2, 3 and 4 are maximized; or b) Item 6 is greater than Form 4.3--5 Item 6 and Items 2, 3 and 4 are maximized
- On-site retention and infiltration is determined to be infeasible and biotreatment BMP provide biotreatment for all pollutants of concern for full LID DCV: Yes ☐ No ☐
  If yes, Form 4.3-1 Items 7 and 8 were both checked yes

8 If the LID DCV is not achieved by any of these means, then the project may be allowed to develop an alternative compliance plan. Check box that describes the scenario which caused the need for alternative compliance:

- Combination of HSC, retention and infiltration, harvest and use, and biotreatment BMPs provide less than full LID DCV capture: ☐
  Checked yes for Form 4.3-5 Item 7, Item 6 is zero, and sum of Items 2, 3, 4, and 5 is less than Item 1. If so, apply water quality credits and calculate volume for alternative compliance, V_{alt} *= (Item 1 – Item 2 – Item 3 – Item 4 – Item 5) * (100 - Form 2.4-1 Item 2)%*
- An approved Watershed Action Plan (WAP) demonstrates that water quality and hydrologic impacts of urbanization are more effective when managed in at an off-site facility: ☐
  Attach appropriate WAP section, including technical documentation, showing effectiveness comparisons for the project site and regional watershed

4.3.6 Hydromodification Control BMP

Use Form 4.3-10 to compute the remaining runoff volume retention, after LID BMP are implemented, needed to address HCOC, and the increase in time of concentration and decrease in peak runoff necessary to meet targets for protection of waterbodies with a potential HCOC. Describe hydromodification control BMP that address HCOC, which may include off-site BMP and/or in-stream controls. Section 5.6 of the TGD for WQMP provides additional details on selection and evaluation of hydromodification control BMP.

Form 4.3-10 Hydromodification Control BMPs (DA 1)

1 Volume reduction needed for HCOC performance criteria (ft^3): 0 *(Form 4.2-2 Item 4 * 0.95) – Form 4.2-2 Item 1*	**2** On-site retention with site design hydrologic source control, infiltration, and harvest and use LID BMP (ft^3): 70,600 *Sum of Form 4.3-9 Items 2, 3, and 4 Evaluate option to increase implementation of on-site retention in Forms 4.3-2, 4.3-3, and 4.3-4 in excess of LID DCV toward achieving HCOC volume reduction*
3 Remaining volume for HCOC volume capture (ft^3): 0 *Item 1 – Item 2*	**4** Volume capture provided by incorporating additional on-site or off-site retention BMPs (ft^3): 0 *Existing downstream BMP may be used to demonstrate additional volume capture (if so, attach to this WQMP a hydrologic analysis showing how the additional volume would be retained during a 2-yr storm event for the regional watershed)*

5 If Item 4 is less than Item 3, incorporate in-stream controls on downstream waterbody segment to prevent impacts due to hydromodification ☐ *Attach in-stream control BMP selection and evaluation to this WQMP*

6 Is Form 4.2-2 Item 11 less than or equal to 5%: Yes ☒ No ☐

If yes, HCOC performance criteria is achieved. If no, select one or more mitigation options below:

- Demonstrate increase in time of concentration achieved by proposed LID site design, LID BMP, and additional on-site or off-site retention BMP ☐
  BMP upstream of a waterbody segment with a potential HCOC may be used to demonstrate increased time of concentration through hydrograph attenuation (if so, show that the hydraulic residence time provided in BMP for a 2-year storm event is equal or greater than the addition time of concentration requirement in Form 4.2-4 Item 15)
- Increase time of concentration by preserving pre-developed flow path and/or increase travel time by reducing slope and increasing cross-sectional area and roughness for proposed on-site conveyance facilities ☐
- Incorporate appropriate in-stream controls for downstream waterbody segment to prevent impacts due to hydromodification, in a plan approved and signed by a licensed engineer in the State of California ☐

7 Form 4.2-2 Item 12 less than or equal to 5%: Yes ☒ No ☐

If yes, HCOC performance criteria is achieved. If no, select one or more mitigation options below:

- Demonstrate reduction in peak runoff achieved by proposed LID site design, LID BMPs, and additional on-site or off-site retention BMPs ☐
  BMPs upstream of a waterbody segment with a potential HCOC may be used to demonstrate additional peak runoff reduction through hydrograph attenuation (if so, attach to this WQMP, a hydrograph analysis showing how the peak runoff would be reduced during a 2-yr storm event)
- Incorporate appropriate in-stream controls for downstream waterbody segment to prevent impacts due to hydromodification, in a plan approved and signed by a licensed engineer in the State of California ☐

4.4 Alternative Compliance Plan (if applicable)

Describe an alternative compliance plan (if applicable) for projects not fully able to infiltrate, harvest and use, or biotreat the DCV via on-site LID practices. A project proponent must develop an alternative compliance plan to address the remainder of the LID DCV. Depending on project type some projects may qualify for water quality credits that can be applied to reduce the DCV that must be treated prior to development of an alternative compliance plan (see Form 2.4-1, Water Quality Credits). Form 4.3-9 Item 8 includes instructions on how to apply water quality credits when computing the DCV that must be met through alternative compliance. Alternative compliance plans may include one or more of the following elements:

- On-site structural treatment control BMP - All treatment control BMP should be located as close to possible to the pollutant sources and should not be located within receiving waters;
- Off-site structural treatment control BMP - Pollutant removal should occur prior to discharge of runoff to receiving waters;
- Urban runoff fund or In-lieu program, if available

Depending upon the proposed alternative compliance plan, approval by the executive officer may or may not be required (see Section 6 of the TGD for WQMP).

Section 5 Inspection and Maintenance Responsibility for Post Construction BMP

All BMP included as part of the project WQMP are required to be maintained through regular scheduled inspection and maintenance (refer to Section 8, Post Construction BMP Requirements, in the TGD for WQMP). Fully complete Form 5-1 summarizing all BMP included in the WQMP. Attach additional forms as needed. The WQMP shall also include a detailed Operation and Maintenance Plan for all BMP and may require a Maintenance Agreement (consult the jurisdiction's LIP). If a Maintenance Agreement is required, it must also be attached to the WQMP.

Form 5-1 BMP Inspection and Maintenance (use additional forms as necessary)

BMP	Reponsible Party(s)	Inspection/ Maintenance Activities Required	Minimum Frequency of Activities
UG Infilt. System	Owner	- Inspect/Maintain UG-Infiltration Basin Systems - Isolator Row for collected trash, sediments and/or debris. Remove trash, sediments and debris by jet-vac and pump and dispose of trash, sediments and debris in a legal manner. - Inspect system for standing water. If system has standing water, perform re-inspection within 48 hours. If system still has standing water then the system shall be jet-vacuumed and pumped and removed debris shall be disposed of in a legal manner.	Bi-monthly and Prior to storm event and 48 hours after storm has passed
Loading Dock and Parking Lot Sweeping	Owner	Sweep loading dock and parking lot and truck courts.	Monthly / As needed.
Catch Basin Filter	Owner	- Inspect and maintain catch basin filters as required. - Inspect catch basin bottom for debris / remove debris and dispose as required.	Quarterly
Truck Dock	Owner	- Inspect loading dock for trash debris and sediments.	Weekly

		- Inspect loading dock for evidence of spills and broken containers. - Clean up spills and dispose of collected material in a legal manner.	
Planting	Owner	- Inspect helth of planting and erosion of landscape area. - Trimming trees and bushes when needed.	Monthly
Efficient Irrigation	Owner	- Inspect irrigation system general operation and durations. - Repair damaged sprinkler and drip irrigation lines as needed. - Reduce durations during the winter season to prevent over irrigation.	Monthly
Trash Storage Areas and Litter Control (SD-32)	Owner	Inspect trash container, lids, screens and clean trash storage areas.	Weekly
Employee Training / Education Program	Owner	Building tenants to provide BMP training and hand out educational materials.	Annually or upon hire
Roof Runoff Controls (SD-11)	Owner	Inspect / repair roof drains	Quarterly
Storm drain system signage	Owner	Inspect Catch basin signage for faded or lost signs / repair or replace as needed.	Annually

Section 6 WQMP Attachments

6.1. Site Plan and Drainage Plan

Include a site plan and drainage plan sheet set containing the following minimum information:

- Project location
- Site boundary
- Land uses and land covers, as applicable
- Suitability/feasibility constraints
- Structural Source Control BMP locations
- Site Design Hydrologic Source Control BMP locations
- LID BMP details
- Drainage delineations and flow information
- Drainage connections

6.2 Electronic Data Submittal

Minimum requirements include submittal of PDF exhibits in addition to hard copies. Format must not require specialized software to open. If the local jurisdiction requires specialized electronic document formats (as described in their local Local Implementation Plan), this section will describe the contents (e.g., layering, nomenclature, geo-referencing, etc.) of these documents so that they may be interpreted efficiently and accurately.

6.3 Post Construction

Attach all O&M Plans and Maintenance Agreements for BMP to the WQMP.

6.4 Other Supporting Documentation

- BMP Educational Materials
- Activity Restriction – C, C&R's & Lease Agreements

Attachment A
WQMP Site Plan

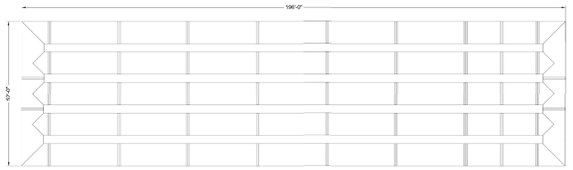
PROJECT SUMMARY

CALCULATION DETAILS
- LOADING = HS20/HS25
- APPROX. LINEAR FOOTAGE = 1,004 LF

STORAGE SUMMARY
- STORAGE VOLUME REQUIRED = N/A
- PIPE STORAGE VOLUME = 33,467 CF
- BACKFILL STORAGE VOLUME = 20,133 CF
- TOTAL STORAGE PROVIDED = 70,600 CF

PIPE DETAILS
- DIAMETER = 96"
- CORRUGATION = 5x1
- GAGE = 16
- COATING = ALT2
- WALL TYPE = PERFORATED
- BARREL SPACING = 36"

BACKFILL DETAILS
- WIDTH AT ENDS = 24"
- ABOVE PIPE = 6"
- WIDTH AT SIDES = 24"
- BELOW PIPE = 6"



NOTES

- ALL RISER AND STUB DIMENSIONS ARE TO CENTERLINE. ALL ELEVATIONS, DIMENSIONS, AND LOCATIONS OF RISERS AND INLETS, SHALL BE VERIFIED BY THE ENGINEER OF RECORD PRIOR TO RELEASING FOR FABRICATION.
- ALL FITTINGS AND REINFORCEMENT COMPLY WITH ASTM A998.
- ALL RISERS AND STUBS ARE $2\frac{2}{3}$" x $\frac{1}{2}$" CORRUGATION AND 16 GAGE UNLESS OTHERWISE NOTED.
- RISERS TO BE FIELD TRIMMED TO GRADE.
- QUANTITY OF PIPE SHOWN DOES NOT PROVIDE EXTRA PIPE FOR CONNECTING THE SYSTEM TO EXISTING PIPE OR DRAINAGE STRUCTURES. OUR SYSTEM AS DETAILED PROVIDES NOMINAL INLET AND/OR OUTLET PIPE STUB FOR CONNECTION TO EXISTING DRAINAGE FACILITIES. IF ADDITIONAL PIPE IS NEEDED IT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- BAND TYPE TO BE DETERMINED UPON FINAL DESIGN.
- THE PROJECT SUMMARY IS REFLECTIVE OF THE DYODS DESIGN. QUANTITIES ARE APPROX. AND SHOULD BE VERIFIED UPON FINAL DESIGN AND APPROVAL. FOR EXAMPLE: TOTAL EXCAVATION DOES NOT CONSIDER ALL VARIABLES SUCH AS SHORING AND ONLY ACCOUNTS FOR MATERIAL WITHIN THE ESTIMATED EXCAVATION FOOTPRINT.
- THESE DRAWINGS ARE FOR CONCEPTUAL PURPOSES AND DO NOT REFLECT ANY LOCAL PREFERENCES OR REGULATIONS. PLEASE CONTACT YOUR LOCAL CONTECH REP FOR MODIFICATIONS.

ASSEMBLY
SCALE: 1" = 20'

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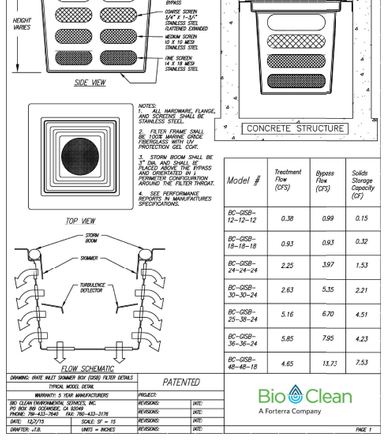
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800-338-1122 513-645-7000 513-645-7993 FAX

CONTECH CMP DETENTION SYSTEMS
Engineered by DYODS
DRAWING

DYO18677 Valley at Willow Industrial
Infiltration System
Rialto, CA
DETENTION SYSTEM

PROJECT No.: 12083	SEQ. No.: 18677	DATE: 6/30/2022
DESIGNED: DYO	DRAWN: DYO	
CHECKED: DYO	APPROVED: DYO	
SHEET NO.:	1	

1 96" CONTECH CMP INFILTRATION SYSTEM
NOT TO SCALE



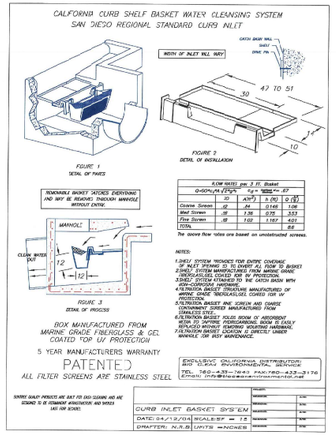
Model #	Treatment Flow (CFS)	Bypass Flow (CFS)	Solids Storage Capacity (CF)
BC-GISB-12-12-12	0.38	0.99	0.15
BC-GISB-18-18-18	0.93	0.93	0.32
BC-GISB-24-24-24	2.25	3.97	1.53
BC-GISB-30-30-24	2.63	5.35	2.21
BC-GISB-25-38-24	5.16	6.70	4.51
BC-GISB-36-36-24	5.85	7.95	4.23
BC-GISB-48-48-18	4.65	13.71	7.53

PATENTED

TYPICAL MODEL DETAIL
WARRANTY: 5 YEAR MANUFACTURERS
BIO CLEAN ENVIRONMENTAL SERVICES, INC.
PO BOX 866 OCEANSIDE, CA 92049
PHONE: 760-433-7640 FAX: 760-433-3176
DATE: 12/2/15 SCALE: 3/4" = 1'0
DRAWN BY: JLB UNITS = INCHES
PROJECT:
REVISIONS: INIT:
REVISIONS: INIT:
REVISIONS: INIT:
PAGE 1

Bio Clean
A Forterra Company

2 GRATE INLET SKIMMER BOX
NOT TO SCALE



FLOW RATES per 3 ft. Basket			
Q=CiA, m³/s	C=	1	0.9
	in	in/hr	in/hr
Coarse Screen	.67	5.0	4.5
Mid Screen	.58	1.75	0.75
Fine Screen	.48	1.03	1.197
TOTAL			

The above flow rates are based on unobstructed screens.

NOTES:
1. GRATE SYSTEM "REDUCES FOR ENTIRE OVERAGE OF INLET OPENING TO ENSURE ALL FLOW TO BASKET
2. CONTECH SYSTEM MANUFACTURED FROM MARINE GRADE FIBERGLASS & GEL COATED TOP UV PROTECTION
3. DIRECT SYSTEM ATTACHED TO THE CATCH BASIN WITH HIGH-CORROSION HARDWARE
4. SYSTEM BASKET SHALL BE MANUFACTURED OF MARINE GRADE STAINLESS STEEL COATED FOR UV PROTECTION
5. SYSTEM BASKET INC. STRUCTURAL AND COARSE CONTAINMENT SCREEN MANUFACTURED FROM 14" STAINLESS STEEL
6. SYSTEM BASKET SHALL FOLDS DOWN OR ADJUSTABLE WITH TO ENTIRE OPENING, SYSTEM IS EASILY REMOVED WITHOUT ENGAGING MOUNTING HARDWARE.
7. SYSTEM SHALL BE DESIGNED TO PROTECT UNDER MANHOLE FOR BEST MAINTENANCE.

ENGLISH/ SPANISH SPEAKING DISTRIBUTOR:
BIO CLEAN ENVIRONMENTAL SERVICES
TEL: 760-433-7640 FAX:760-433-3176
EMAIL:DARREN@BIOCLEANUSA.COM

3 CURB INLET BASKET SYSTEM
NOT TO SCALE

WQMP BMP NOTES

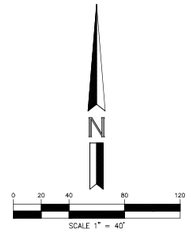
1. INSTALL CONTECH UNDERGROUND 96" CMP INFILTRATION SYSTEM, SEE DETAIL ON HEREON
2. INSTALL BIOCLEAN GRATE INLET FILTER, SEE DETAIL HEREON
3. INSTALL BIOCLEAN CURB INLET FILTER, SEE DETAIL HEREON

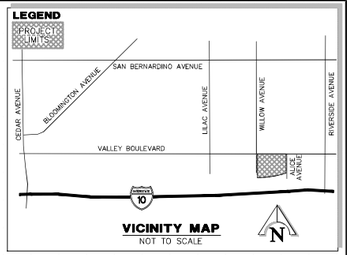
WQMP MANAGEMENT

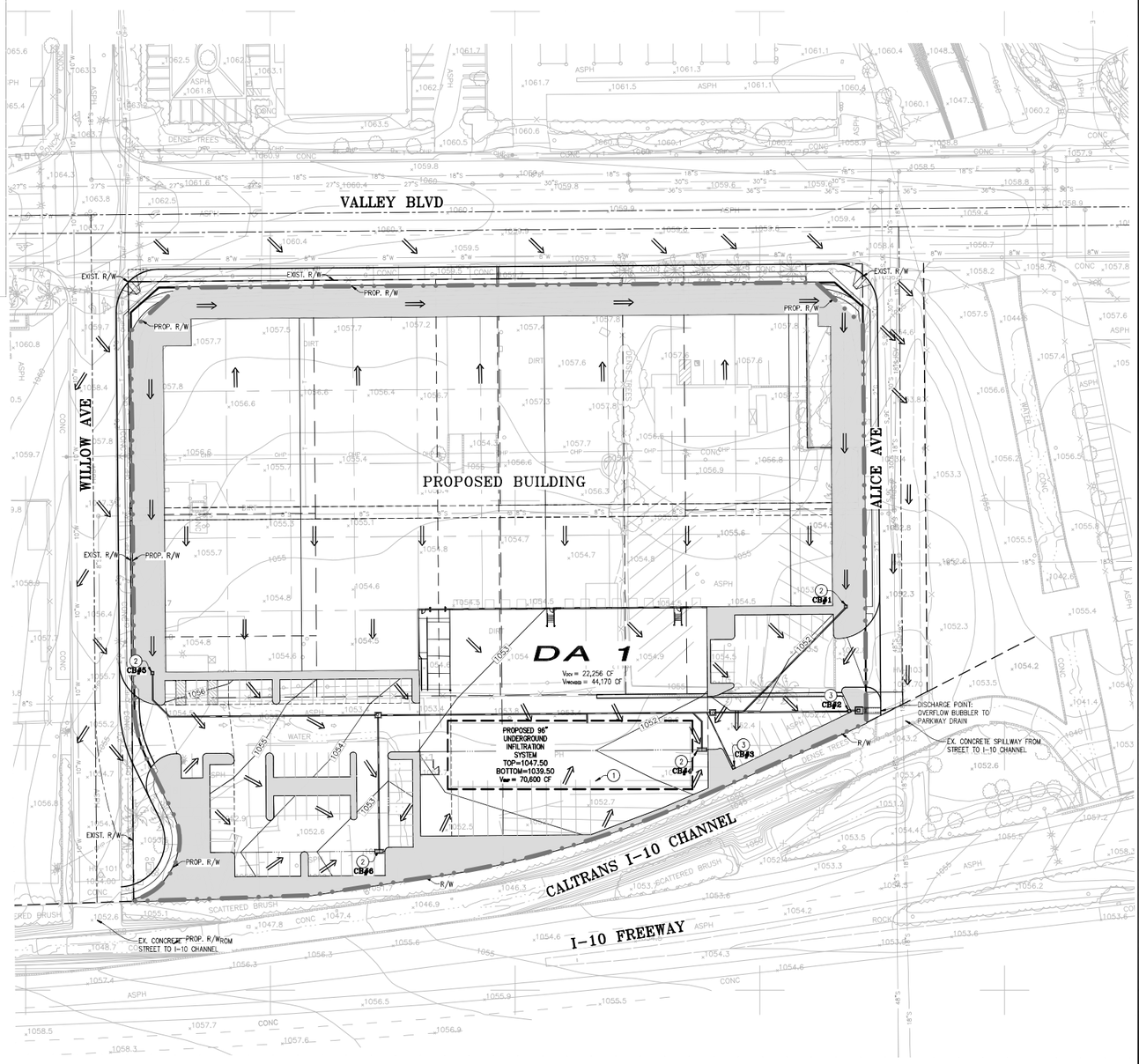
NAME	AREA (SF)	I	C	V_{BMP} (CF)	BMP	$V_{PROVIDE}$ (CF)
DA 1	269,093	0.83	0.64	22,256	INFILTRATION BASIN/ RETENTION BASIN	44,170

LEGEND

- PROPOSED STORM DRAIN
- WQMP AND DRAINAGE BOUNDARY
- PROPOSED GRATED INLET W/ FILTER INSERT
- PROPOSED LANDSCAPING AREA – *BMP SD-10 & SD-12
- CB CATCH BASIN
- FLOW DIRECTION







OWNER/DEVELOPER
PATRIOT DEVELOPMENT PARTNERS
5710 CRESCENT PARK EAST, SUITE 429
PLAYA VISTA, CA 90094
PHONE (858) 952-4134
CONTACT PERSON: KEVIN RICE

CIVIL ENGINEER
HUITT-ZOLLARS, INC.
3990 CONCOURS, SUITE 330
ONTARIO, CALIFORNIA 91764
PHONE: (909) 941-7799
CONTACT: JOHNNY MURAD

REGISTERED PROFESSIONAL ENGINEER JOHNNY MURAD NO. 67513 EXPIRATION 6-30-2023 STATE OF CALIFORNIA CIVIL

WATER QUALITY MANAGEMENT PLAN
FOR
PATRIOT - ALICE INDUSTRIAL
VALLEY BOULEVARD BETWEEN WILLOW AVENUE AND ALICE AVENUE
CITY OF RIALTO

HUITT-ZOLLARS
HUITT-ZOLLARS, INC.
3990 CONCOURSE, SUITE 330 • ONTARIO, CALIFORNIA 91764 • (909) 941-7799

DESIGNED BY	D.S.	SHEET	1
DRAWN BY	HZ STAFF	OF	1
CHECKED BY	J.M.	SHEETS	
FIELD BOOK		JOB NO.	R314754.01

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Attachment B
BMP Details, Support Calc's, and Fact Sheets

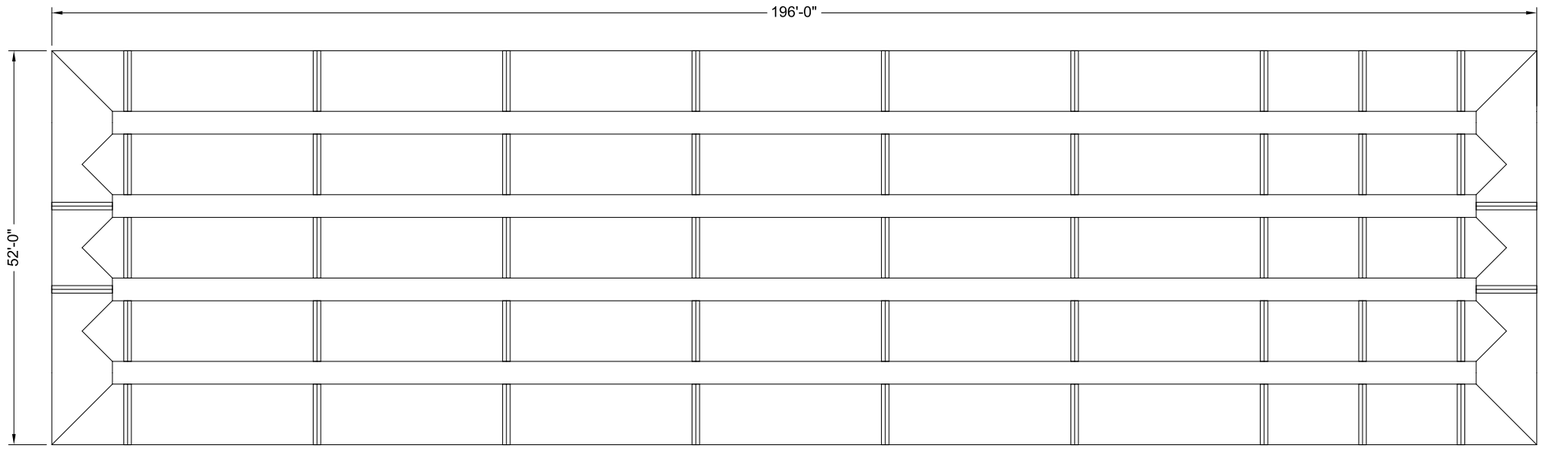
PROJECT SUMMARY

CALCULATION DETAILS
- LOADING = HS20/HS25
- APPROX. LINEAR FOOTAGE = 1,004 LF

STORAGE SUMMARY
- STORAGE VOLUME REQUIRED = N/A
- PIPE STORAGE VOLUME = 50,467 CF
- BACKFILL STORAGE VOLUME = 20,133 CF
- TOTAL STORAGE PROVIDED = 70,600 CF

PIPE DETAILS
- DIAMETER = 96"
- CORRUGATION = 5x1
- GAGE = 16
- COATING = ALT2
- WALL TYPE = PERFORATED
- BARREL SPACING = 36"

BACKFILL DETAILS
- WIDTH AT ENDS = 24"
- ABOVE PIPE = 6"
- WIDTH AT SIDES = 24"
- BELOW PIPE = 6"



NOTES

- ALL RISER AND STUB DIMENSIONS ARE TO CENTERLINE. ALL ELEVATIONS, DIMENSIONS, AND LOCATIONS OF RISERS AND INLETS, SHALL BE VERIFIED BY THE ENGINEER OF RECORD PRIOR TO RELEASING FOR FABRICATION.
- ALL FITTINGS AND REINFORCEMENT COMPLY WITH ASTM A998.
- ALL RISERS AND STUBS ARE $2\frac{2}{3}$" x $\frac{1}{2}$" CORRUGATION AND 16 GAGE UNLESS OTHERWISE NOTED.
- RISERS TO BE FIELD TRIMMED TO GRADE.
- QUANTITY OF PIPE SHOWN DOES NOT PROVIDE EXTRA PIPE FOR CONNECTING THE SYSTEM TO EXISTING PIPE OR DRAINAGE STRUCTURES. OUR SYSTEM AS DETAILED PROVIDES NOMINAL INLET AND/OR OUTLET PIPE STUB FOR CONNECTION TO EXISTING DRAINAGE FACILITIES. IF ADDITIONAL PIPE IS NEEDED IT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- BAND TYPE TO BE DETERMINED UPON FINAL DESIGN.
- THE PROJECT SUMMARY IS REFLECTIVE OF THE DYODS DESIGN, QUANTITIES ARE APPROX. AND SHOULD BE VERIFIED UPON FINAL DESIGN AND APPROVAL. FOR EXAMPLE, TOTAL EXCAVATION DOES NOT CONSIDER ALL VARIABLES SUCH AS SHORING AND ONLY ACCOUNTS FOR MATERIAL WITHIN THE ESTIMATED EXCAVATION FOOTPRINT.
- THESE DRAWINGS ARE FOR CONCEPTUAL PURPOSES AND DO NOT REFLECT ANY LOCAL PREFERENCES OR REGULATIONS. PLEASE CONTACT YOUR LOCAL CONTECH REP FOR MODIFICATIONS.

ASSEMBLY

SCALE: 1" = 20'

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DATE	REVISION DESCRIPTION	BY

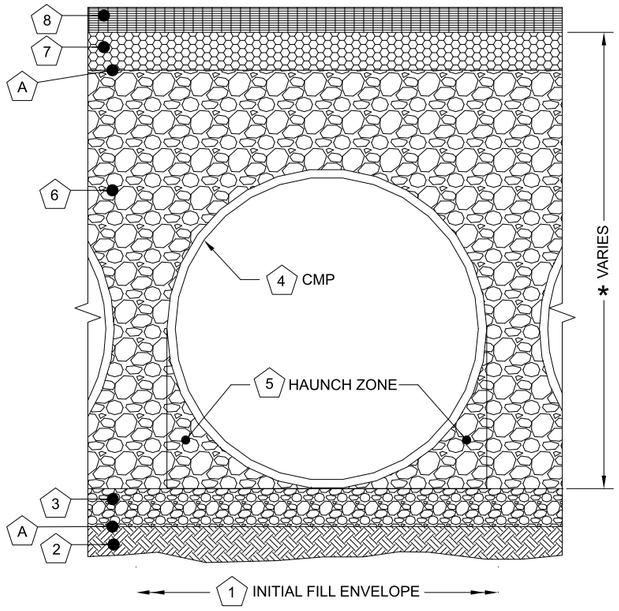
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CONTECH® CMP DETENTION SYSTEMS
CONTECH DYODS DRAWING

DYO18677 Valley at Willow Industrial
Infiltration System
Rialto, CA
DETENTION SYSTEM

PROJECT No.:	SEQ. No.:	DATE:
12083	18677	6/30/2022
DESIGNED: DYO	DRAWN: DYO	
CHECKED: DYO	APPROVED: DYO	
SHEET NO.: 1		

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	Infiltration Systems - CMP Infiltration & CMP Perforated Drainage Pipe			
	Material Location	Description	Material Designation	Designation
8	Rigid or Flexible Pavement (if applicable)			
7	Road Base (if applicable			
A	Geotextile Layer	Non-Woven Geotextile	CONTECH C-40 or C-45	Engineer Decision for consideration to prevent soil migration into varying soil types. Wrap the trench only.
6	Backfill	Infiltration pipe systems have a pipe perforation sized of 3/8" diameter. An open graded, free draining stone, with a particle size of ½" – 2 ½" diameter is recommended.	AASHTO M 145-A-1 or AASHTO M 43 - 3, 4	Material shall be worked into the pipe haunches by means of shovel-slicing, rodding, air-tamper, vibratory rod, or other effective methods. Compaction of all placed fill material is necessary and shall be considered adequate when no further yielding of the material is observed under the compactor, or under foot, and the Project Engineer or his representative is satisfied with the level of compaction"
3	Bedding Stone	Well graded granular bedding material w/maximum particle size of 3"	AASHTO M43 - 3,357,4,467, 5, 56, 57	For soil aggregates larger than 3/8" a dedicated bedding layer is not required for CMP. Pipe may be placed on the trench bottom comprised of native suitable well graded & granular material. For Arch pipes it is recommended to be shaped to a relatively flat bottom or fine-grade the foundation to a slight v-shape. Soil aggregates less than 3/8" and unsuitable material should be over-excavated and re-placed with a 4"-6" layer of well graded & granular stone per the material designation.
A	Geotextile Layer	None	None	Contech does not recommend geotextiles be placed under the invert of Infiltration systems due to the propensity for geotextiles to clog over time.
*	Note: The listed AASHTO designations are for gradation only. The stone must also be angular and clean.			

1 MINIMUM WIDTH DEPENDS ON SITE CONDITIONS AND ENGINEERING JUDGEMENT.

FOUNDATION/BEDDING PREPARATION

2 PRIOR TO PLACING THE BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, THEY SHALL BE REMOVED AND BROUGHT BACK TO THE GRADE WITH A FILL MATERIAL AS APPROVED BY THE ENGINEER.

5 HAUNCH ZONE MATERIAL SHALL BE PLACED AND UNIFORMLY COMPACTED WITHOUT SOFT SPOTS.

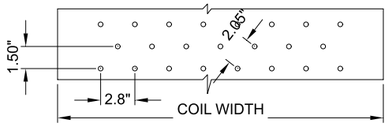
BACKFILL

MATERIAL SHALL BE PLACED IN 8"-10" MAXIMUM LIFTS. INADEQUATE COMPACTION CAN LEAD TO EXCESSIVE DEFLECTIONS WITHIN THE SYSTEM AND SETTLEMENT OF THE SOILS OVER THE SYSTEM. BACKFILL SHALL BE PLACED SUCH THAT THERE IS NO MORE THAN A TWO-LIFT DIFFERENTIAL BETWEEN THE SIDES OF ANY PIPE IN THE SYSTEM AT ALL TIMES DURING THE BACKFILL PROCESS. BACKFILL SHALL BE ADVANCED ALONG THE LENGTH OF THE SYSTEM AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING ON ANY PIPES IN THE SYSTEM.

EQUIPMENT USED TO PLACE AND COMPACT THE BACKFILL SHALL BE OF A SIZE AND TYPE SO AS NOT TO DISTORT, DAMAGE, OR DISPLACE THE PIPE. ATTENTION MUST BE GIVEN TO PROVIDING ADEQUATE MINIMUM COVER FOR SUCH EQUIPMENT. MAINTAIN BALANCED LOADING ON ALL PIPES IN THE SYSTEM DURING ALL SUCH OPERATIONS.

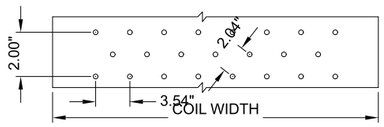
OTHER ALTERNATE BACKFILL MATERIAL MAY BE ALLOWED DEPENDING ON SITE SPECIFIC CONDITIONS. REFER TO TYPICAL BACKFILL DETAIL FOR MATERIAL REQUIRED.

2 2/3" x 1/2" CORRUGATION - STEEL AND ALUMINUM CMP EDGE SPACING EQUAL ON BOTH SIDES



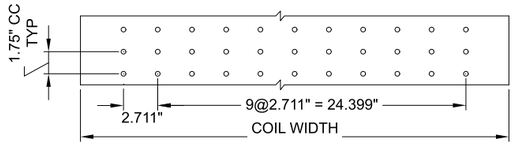
OPEN AREA = 3.76 SQ IN/SQ FT

3" x 1" CORRUGATION - STEEL AND ALUMINUM CMP (COIL PROVIDED FROM CONTECH LANTANA, FL PLANT)



OPEN AREA = 4.16 SQ IN/SQ FT

5" x 1" CORRUGATION - STEEL ONLY
EDGE SPACING EQUAL ON BOTH SIDES



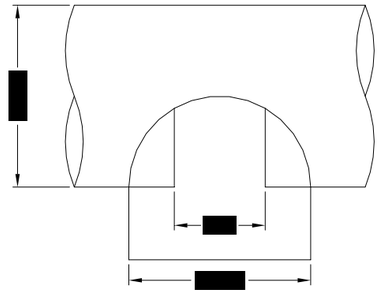
OPEN AREA = 3.33 SQ IN/SQ FT

NOTES:

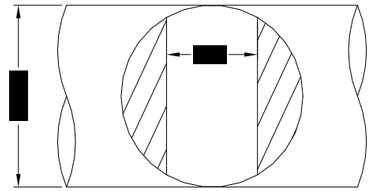
1. PERFORATIONS MEET AASHTO AND ASTM SPECIFICATIONS.
2. PERFORATION OPEN AREA PER SQUARE FOOT OF PIPE IS BASED ON THE NOMINAL DIAMETER AND LENGTH OF PIPE.
3. ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
4. ALL HOLES ⌀3/8".

TYPICAL PERFORATION DETAIL

SCALE: N.T.S.



PLAN

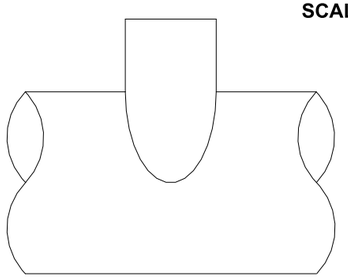


FRONT

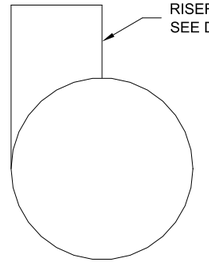
TYPICAL MANWAY DETAIL

SCALE: N.T.S.

NOTE:
MANWAY DETAIL APPLICABLE FOR CMP SYSTEMS WITH DIAMETERS 48" AND LARGER. MANWAYS MAY BE REQUIRED ON SMALLER SYSTEMS DEPENDING ON ACTUAL SITE SPECIFIC CONDITIONS.



ELEVATION

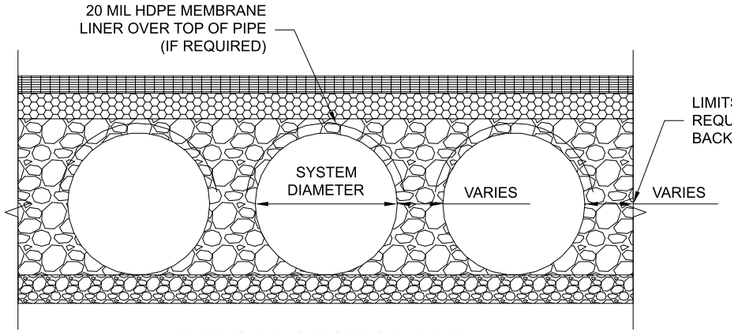


END

TYPICAL RISER DETAIL

SCALE: N.T.S.

NOTE:
LADDERS ARE OPTIONAL AND ARE NOT REQUIRED FOR ALL SYSTEMS.



TYPICAL SECTION VIEW

LINER OVER ROWS
SCALE: N.T.S.

NOTE: IF SALTING AGENTS FOR SNOW AND ICE REMOVAL ARE USED ON OR NEAR THE PROJECT, AN HDPE MEMBRANE LINER IS RECOMMENDED WITH THE SYSTEM. THE IMPERMEABLE LINER IS INTENDED TO HELP PROTECT THE SYSTEM FROM THE POTENTIAL ADVERSE EFFECTS THAT MAY RESULT FROM A CHANGE IN THE SURROUNDING ENVIRONMENT OVER A PERIOD OF TIME. PLEASE REFER TO THE CORRUGATED METAL PIPE DETENTION DESIGN GUIDE FOR ADDITIONAL INFORMATION.

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DATE	REVISION DESCRIPTION	BY

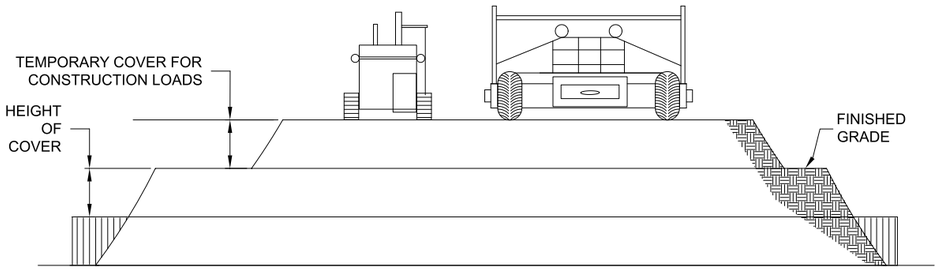
CONTECH ENGINEERED SOLUTIONS LLC
www.ContechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

CONTECH CMP DETENTION SYSTEMS
CONTECH **DYODS** DRAWING

DYO18677 Valley at Willow Industrial
Infiltration System
Rialto, CA
DETENTION SYSTEM

PROJECT No.:	SEQ. No.:	DATE:
12083	18677	6/30/2022
DESIGNED: DYO	DRAWN: DYO	
CHECKED: DYO	APPROVED: DYO	
SHEET NO.: 1		

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CONSTRUCTION LOADS

FOR TEMPORARY CONSTRUCTION VEHICLE LOADS, AN EXTRA AMOUNT OF COMPACTED COVER MAY BE REQUIRED OVER THE TOP OF THE PIPE. THE HEIGHT-OF-COVER SHALL MEET THE MINIMUM REQUIREMENTS SHOWN IN THE TABLE BELOW. THE USE OF HEAVY CONSTRUCTION EQUIPMENT NECESSITATES GREATER PROTECTION FOR THE PIPE THAN FINISHED GRADE COVER MINIMUMS FOR NORMAL HIGHWAY TRAFFIC.

PIPE SPAN, INCHES	AXLE LOADS (kips)			
	18-50	50-75	75-110	110-150
	MINIMUM COVER (FT)			
12-42	2.0	2.5	3.0	3.0
48-72	3.0	3.0	3.5	4.0
78-120	3.0	3.5	4.0	4.0
126-144	3.5	4.0	4.5	4.5

*MINIMUM COVER MAY VARY, DEPENDING ON LOCAL CONDITIONS. THE CONTRACTOR MUST PROVIDE THE ADDITIONAL COVER REQUIRED TO AVOID DAMAGE TO THE PIPE. MINIMUM COVER IS MEASURED FROM THE TOP OF THE PIPE TO THE TOP OF THE MAINTAINED CONSTRUCTION ROADWAY SURFACE.

CONSTRUCTION LOADING DIAGRAM

SCALE: N.T.S.

SPECIFICATION FOR DESIGNED DETENTION SYSTEM:

SCOPE
THIS SPECIFICATION COVERS THE MANUFACTURE AND INSTALLATION OF THE DESIGNED DETENTION SYSTEM DETAILED IN THE PROJECT PLANS.

MATERIAL
THE MATERIAL SHALL CONFORM TO THE APPLICABLE REQUIREMENTS LISTED BELOW:

ALUMINIZED TYPE 2 STEEL COILS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-274 OR ASTM A-92.

THE GALVANIZED STEEL COILS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-218 OR ASTM A-929.

THE POLYMER COATED STEEL COILS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-246 OR ASTM A-742.

THE ALUMINUM COILS SHALL CONFORM TO THE APPLICABLE OF AASHTO M-197 OR ASTM B-744.

CONSTRUCTION LOADS
CONSTRUCTION LOADS MAY BE HIGHER THAN FINAL LOADS. FOLLOW THE MANUFACTURER'S OR NCSPA GUIDELINES.

PIPE
THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE TO THE APPLICABLE REQUIREMENTS LISTED BELOW:

ALUMINIZED TYPE 2: AASHTO M-36 OR ASTM A-760

GALVANIZED: AASHTO M-36 OR ASTM A-760

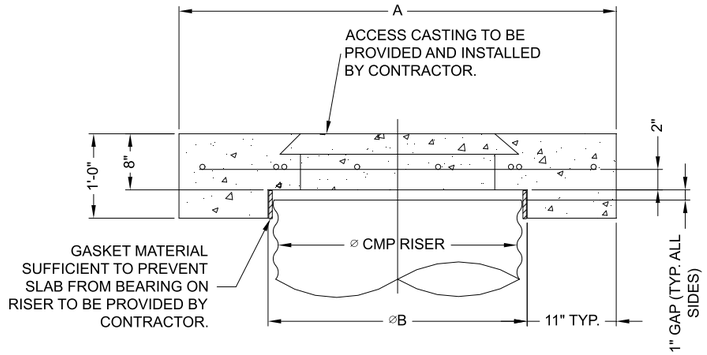
APPLICABLE POLYMER COATED: AASHTO M-245 OR ASTM A-762

ALUMINUM: AASHTO M-196 OR ASTM B-745

APPLICABLE
HANDLING AND ASSEMBLY
SHALL BE IN ACCORDANCE WITH NCSP'S (NATIONAL CORRUGATED STEEL PIPE ASSOCIATION) FOR ALUMINIZED TYPE 2, GALVANIZED OR POLYMER COATED STEEL. SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR ALUMINUM PIPE.
REQUIREMENTS
INSTALLATION
SHALL BE IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SECTION 26, DIVISION II DIVISION II OR ASTM A-798 (FOR ALUMINIZED TYPE 2, GALVANIZED OR POLYMER COATED STEEL) OR ASTM B-788 (FOR ALUMINUM PIPE) AND IN CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. IF THERE ARE ANY INCONSISTENCIES OR CONFLICTS THE CONTRACTOR SHOULD DISCUSS AND RESOLVE WITH THE SITE ENGINEER.

IT IS ALWAYS THE RESPONSIBILITY OF THE CONTRACTOR TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.

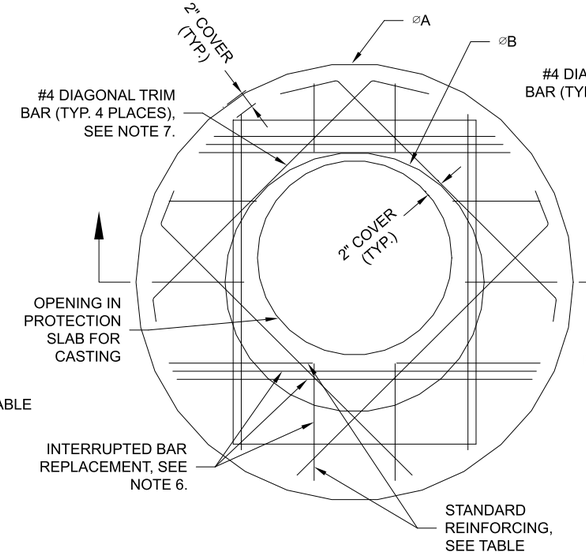
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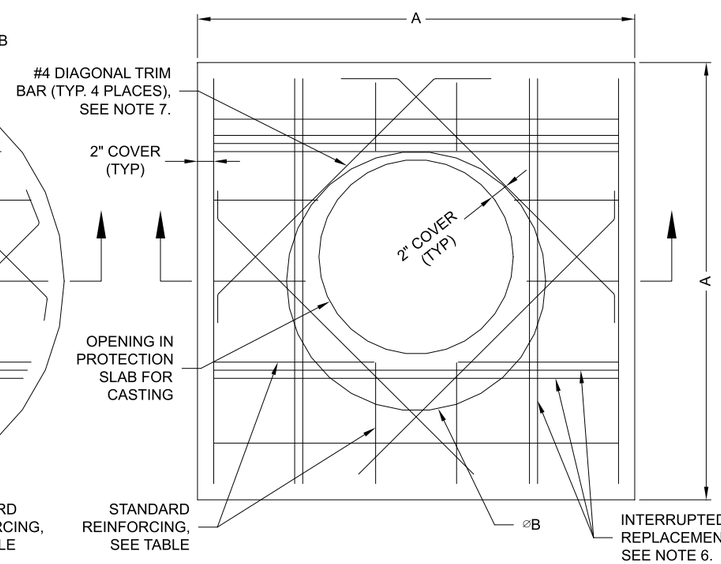
SECTION VIEW

REINFORCING TABLE				
⌀ CMP RISER	A	⌀ B	REINFORCING	**BEARING PRESSURE (PSF)
24"	⌀ 4' 4'X4'	26"	#5 @ 12" OCEW #5 @ 12" OCEW	2,410 1,780
30"	⌀ 4'-6" 4'-6" X 4'-6"	32"	#5 @ 12" OCEW #5 @ 12" OCEW	2,120 1,530
36"	⌀ 5' 5' X 5'	38"	#5 @ 10" OCEW #5 @ 10" OCEW	1,890 1,350
42"	⌀ 5'-6" 5'-6" X 5'-6"	44"	#5 @ 10" OCEW #5 @ 9" OCEW	1,720 1,210
48"	⌀ 6' 6' X 6'	50"	#5 @ 9" OCEW #5 @ 8" OCEW	1,600 1,100

** ASSUMED SOIL BEARING CAPACITY



ROUND OPTION PLAN VIEW



SQUARE OPTION PLAN VIEW

NOTES:

1. DESIGN IN ACCORDANCE WITH AASHTO, 17th EDITION.
2. DESIGN LOAD HS25.
3. EARTH COVER = 1' MAX.
4. CONCRETE STRENGTH = 3,500 psi
5. REINFORCING STEEL = ASTM A615, GRADE 60.
6. PROVIDE ADDITIONAL REINFORCING AROUND OPENINGS EQUAL TO THE BARS INTERRUPTED, HALF EACH SIDE. ADDITIONAL BARS TO BE IN THE SAME PLANE.
7. TRIM OPENING WITH DIAGONAL #4 BARS, EXTEND BARS A MINIMUM OF 12" BEYOND OPENING, BEND BARS AS REQUIRED TO MAINTAIN BAR COVER.
8. PROTECTION SLAB AND ALL MATERIALS TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
9. DETAIL DESIGN BY DELTA ENGINEERING, BINGHAMTON, NY.

MANHOLE CAP DETAIL

SCALE: N.T.S.

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CONTECH CMP DETENTION SYSTEMS
CONTECH DYODS DRAWING

DYO18677 Valley at Willow Industrial
Infiltration System
Rialto, CA
DETENTION SYSTEM

PROJECT No.:	SEQ. No.:	DATE:
12083	18677	6/30/2022
DESIGNED: DYO	DRAWN: DYO	
CHECKED: DYO	APPROVED: DYO	
SHEET NO.: 1		

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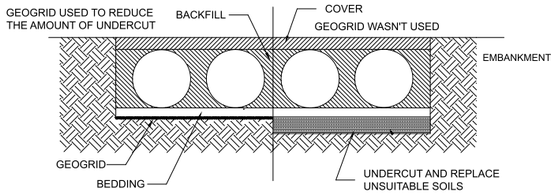
CMP DETENTION INSTALLATION GUIDE

PROPER INSTALLATION OF A FLEXIBLE UNDERGROUND DETENTION SYSTEM WILL ENSURE LONG-TERM PERFORMANCE. THE CONFIGURATION OF THESE SYSTEMS OFTEN REQUIRES SPECIAL CONSTRUCTION PRACTICES THAT DIFFER FROM CONVENTIONAL FLEXIBLE PIPE CONSTRUCTION. CONTECH ENGINEERED SOLUTIONS STRONGLY SUGGESTS SCHEDULING A PRE-CONSTRUCTION MEETING WITH YOUR LOCAL SALES ENGINEER TO DETERMINE IF ADDITIONAL MEASURES, NOT COVERED IN THIS GUIDE, ARE APPROPRIATE FOR YOUR SITE.

FOUNDATION

CONSTRUCT A FOUNDATION THAT CAN SUPPORT THE DESIGN LOADING APPLIED BY THE PIPE AND ADJACENT BACKFILL WEIGHT AS WELL AS MAINTAIN ITS INTEGRITY DURING CONSTRUCTION.

IF SOFT OR UNSUITABLE SOILS ARE ENCOUNTERED, REMOVE THE POOR SOILS DOWN TO A SUITABLE DEPTH AND THEN BUILD UP TO THE APPROPRIATE ELEVATION WITH A COMPETENT BACKFILL MATERIAL. THE STRUCTURAL FILL MATERIAL GRADATION SHOULD NOT ALLOW THE MIGRATION OF FINES, WHICH CAN CAUSE SETTLEMENT OF THE DETENTION SYSTEM OR PAVEMENT ABOVE. IF THE STRUCTURAL FILL MATERIAL IS NOT COMPATIBLE WITH THE UNDERLYING SOILS AN ENGINEERING FABRIC SHOULD BE USED AS A SEPARATOR. IN SOME CASES, USING A STIFF REINFORCING GEOGRID REDUCES OVER EXCAVATION AND REPLACEMENT FILL QUANTITIES.

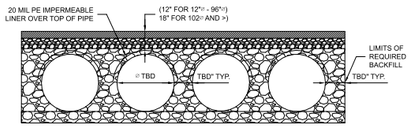


GRADE THE FOUNDATION SUBGRADE TO A UNIFORM OR SLIGHTLY SLOPING GRADE. IF THE SUBGRADE IS CLAY OR RELATIVELY NON-POROUS AND THE CONSTRUCTION SEQUENCE WILL LAST FOR AN EXTENDED PERIOD OF TIME, IT IS BEST TO SLOPE THE GRADE TO ONE END OF THE SYSTEM. THIS WILL ALLOW EXCESS WATER TO DRAIN QUICKLY, PREVENTING SATURATION OF THE SUBGRADE.

GEOMEMBRANE BARRIER

A SITE'S RESISTIVITY MAY CHANGE OVER TIME WHEN VARIOUS TYPES OF SALTING AGENTS ARE USED, SUCH AS ROAD SALTS FOR DEICING AGENTS. IF SALTING AGENTS ARE USED ON OR NEAR THE PROJECT SITE, A GEOMEMBRANE BARRIER IS RECOMMENDED WITH THE SYSTEM. THE GEOMEMBRANE LINER IS INTENDED TO HELP PROTECT THE SYSTEM FROM THE POTENTIAL ADVERSE EFFECTS THAT MAY RESULT FROM THE USE OF SUCH AGENTS INCLUDING PREMATURE CORROSION AND REDUCED ACTUAL SERVICE LIFE.

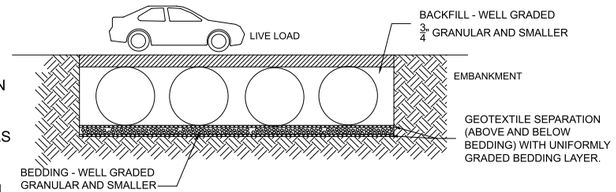
THE PROJECT'S ENGINEER OF RECORD IS TO EVALUATE WHETHER SALTING AGENTS WILL BE USED ON OR NEAR THE PROJECT SITE, AND USE HIS/HER BEST JUDGEMENT TO DETERMINE IF ANY ADDITIONAL PROTECTIVE MEASURES ARE REQUIRED. BELOW IS A TYPICAL DETAIL SHOWING THE PLACEMENT OF A GEOMEMBRANE BARRIER FOR PROJECTS WHERE SALTING AGENTS ARE USED ON OR NEAR THE PROJECT SITE.



IN-SITU TRENCH WALL

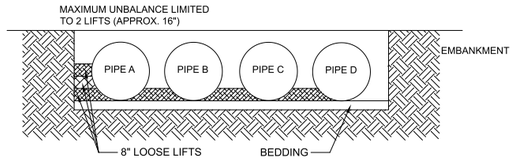
IF EXCAVATION IS REQUIRED, THE TRENCH WALL NEEDS TO BE CAPABLE OF SUPPORTING THE LOAD THAT THE PIPE SHEDS AS THE SYSTEM IS LOADED. IF SOILS ARE NOT CAPABLE OF SUPPORTING THESE LOADS, THE PIPE CAN DEFLECT. PERFORM A SIMPLE SOIL PRESSURE CHECK USING THE APPLIED LOADS TO DETERMINE THE LIMITS OF EXCAVATION BEYOND THE SPRING LINE OF THE OUTER MOST PIPES.

IN MOST CASES THE REQUIREMENTS FOR A SAFE WORK ENVIRONMENT AND PROPER BACKFILL PLACEMENT AND COMPACTION TAKE CARE OF THIS CONCERN.



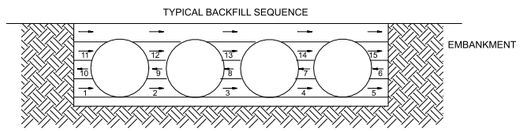
BACKFILL PLACEMENT

MATERIAL SHALL BE WORKED INTO THE PIPE HAUNCHES BY MEANS OF SHOVEL-SLICING, RODDING, AIR TAMPER, VIBRATORY ROD, OR OTHER EFFECTIVE METHODS.

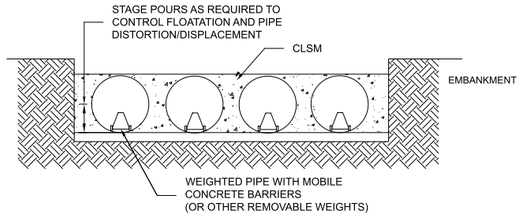


IF AASHTO T99 PROCEDURES ARE DETERMINED INFEASIBLE BY THE GEOTECHNICAL ENGINEER OF RECORD, COMPACTION IS CONSIDERED ADEQUATE WHEN NO FURTHER YIELDING OF THE MATERIAL IS OBSERVED UNDER THE COMPACTOR, OR UNDER FOOT, AND THE GEOTECHNICAL ENGINEER OF RECORD (OR REPRESENTATIVE THEREOF) IS SATISFIED WITH THE LEVEL OF COMPACTION.

FOR LARGE SYSTEMS, CONVEYOR SYSTEMS, BACKHOES WITH LONG REACHES OR DRAGLINES WITH STONE BUCKETS MAY BE USED TO PLACE BACKFILL. ONCE MINIMUM COVER FOR CONSTRUCTION LOADING ACROSS THE ENTIRE WIDTH OF THE SYSTEM IS REACHED, ADVANCE THE EQUIPMENT TO THE END OF THE RECENTLY PLACED FILL, AND BEGIN THE SEQUENCE AGAIN UNTIL THE SYSTEM IS COMPLETELY BACKFILLED. THIS TYPE OF CONSTRUCTION SEQUENCE PROVIDES ROOM FOR STOCKPILED BACKFILL DIRECTLY BEHIND THE BACKHOE, AS WELL AS THE MOVEMENT OF CONSTRUCTION TRAFFIC. MATERIAL STOCKPILES ON TOP OF THE BACKFILLED DETENTION SYSTEM SHOULD BE LIMITED TO 8- TO 10-FEET HIGH AND MUST PROVIDE BALANCED LOADING ACROSS ALL BARRELS. TO DETERMINE THE PROPER COVER OVER THE PIPES TO ALLOW THE MOVEMENT OF CONSTRUCTION EQUIPMENT SEE TABLE 1, OR CONTACT YOUR LOCAL CONTECH SALES ENGINEER.



WHEN FLOWABLE FILL IS USED, YOU MUST PREVENT PIPE FLOATATION. TYPICALLY, SMALL LIFTS ARE PLACED BETWEEN THE PIPES AND THEN ALLOWED TO SET-UP PRIOR TO THE PLACEMENT OF THE NEXT LIFT. THE ALLOWABLE THICKNESS OF THE CLSM LIFT IS A FUNCTION OF A PROPER BALANCE BETWEEN THE UPLIFT FORCE OF THE CLSM, THE OPPOSING WEIGHT OF THE PIPE, AND THE EFFECT OF OTHER RESTRAINING MEASURES. THE PIPE CAN CARRY LIMITED FLUID PRESSURE WITHOUT PIPE DISTORTION OR DISPLACEMENT, WHICH ALSO AFFECTS THE CLSM LIFT THICKNESS. YOUR LOCAL CONTECH SALES ENGINEER CAN HELP DETERMINE THE PROPER LIFT THICKNESS.

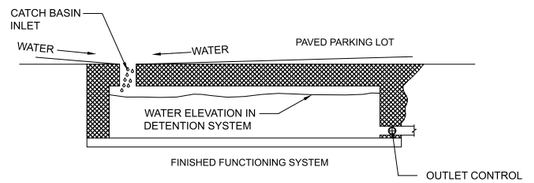


CONSTRUCTION LOADING

TYPICALLY, THE MINIMUM COVER SPECIFIED FOR A PROJECT ASSUMES H-20 LIVE LOAD. BECAUSE CONSTRUCTION LOADS OFTEN EXCEED DESIGN LIVE LOADS, INCREASED TEMPORARY MINIMUM COVER REQUIREMENTS ARE NECESSARY. SINCE CONSTRUCTION EQUIPMENT VARIES FROM JOB TO JOB, IT IS BEST TO ADDRESS EQUIPMENT SPECIFIC MINIMUM COVER REQUIREMENTS WITH YOUR LOCAL CONTECH SALES ENGINEER DURING YOUR PRE-CONSTRUCTION MEETING.

ADDITIONAL CONSIDERATIONS

BECAUSE MOST SYSTEMS ARE CONSTRUCTED BELOW-GRADE, RAINFALL CAN RAPIDLY FILL THE EXCAVATION; POTENTIALLY CAUSING FLOATATION AND MOVEMENT OF THE PREVIOUSLY PLACED PIPES. TO HELP MITIGATE POTENTIAL PROBLEMS, IT IS BEST TO START THE INSTALLATION AT THE DOWNSTREAM END WITH THE OUTLET ALREADY CONSTRUCTED TO ALLOW A ROUTE FOR THE WATER TO ESCAPE. TEMPORARY DIVERSION MEASURES MAY BE REQUIRED FOR HIGH FLOWS DUE TO THE RESTRICTED NATURE OF THE OUTLET PIPE.



CMP DETENTION SYSTEM INSPECTION AND MAINTENANCE

UNDERGROUND STORMWATER DETENTION AND INFILTRATION SYSTEMS MUST BE INSPECTED AND MAINTAINED AT REGULAR INTERVALS FOR PURPOSES OF PERFORMANCE AND LONGEVITY.

INSPECTION

INSPECTION IS THE KEY TO EFFECTIVE MAINTENANCE OF CMP DETENTION SYSTEMS AND IS EASILY PERFORMED. CONTECH RECOMMENDS ONGOING, ANNUAL INSPECTIONS. SITES WITH HIGH TRASH LOAD OR SMALL OUTLET CONTROL ORIFICES MAY NEED MORE FREQUENT INSPECTIONS. THE RATE AT WHICH THE SYSTEM COLLECTS POLLUTANTS WILL DEPEND MORE ON SITE SPECIFIC ACTIVITIES RATHER THAN THE SIZE OR CONFIGURATION OF THE SYSTEM.

INSPECTIONS SHOULD BE PERFORMED MORE OFTEN IN EQUIPMENT WASHDOWN AREAS, IN CLIMATES WHERE SANDING AND/OR SALTING OPERATIONS TAKE PLACE, AND IN OTHER VARIOUS INSTANCES IN WHICH ONE WOULD EXPECT HIGHER ACCUMULATIONS OF SEDIMENT OR ABRASIVE/ CORROSIVE CONDITIONS. A RECORD OF EACH INSPECTION IS TO BE MAINTAINED FOR THE LIFE OF THE SYSTEM

MAINTENANCE

CMP DETENTION SYSTEMS SHOULD BE CLEANED WHEN AN INSPECTION REVEALS ACCUMULATED SEDIMENT OR TRASH IS CLOGGING THE DISCHARGE ORIFICE.

ACCUMULATED SEDIMENT AND TRASH CAN TYPICALLY BE EVACUATED THROUGH THE MANHOLE OVER THE OUTLET ORIFICE. IF MAINTENANCE IS NOT PERFORMED AS RECOMMENDED, SEDIMENT AND TRASH MAY ACCUMULATE IN FRONT OF THE OUTLET ORIFICE. MANHOLE COVERS SHOULD BE SECURELY SEATED FOLLOWING CLEANING ACTIVITIES. CONTECH SUGGESTS THAT ALL SYSTEMS BE DESIGNED WITH AN ACCESS/INSPECTION MANHOLE SITUATED AT OR NEAR THE INLET AND THE OUTLET ORIFICE. SHOULD IT BE NECESSARY TO GET INSIDE THE SYSTEM TO PERFORM MAINTENANCE ACTIVITIES, ALL APPROPRIATE PRECAUTIONS REGARDING CONFINED SPACE ENTRY AND OSHA REGULATIONS SHOULD BE FOLLOWED.

ANNUAL INSPECTIONS ARE BEST PRACTICE FOR ALL UNDERGROUND SYSTEMS. DURING THIS INSPECTION, IF EVIDENCE OF SALTING/DE-ICING AGENTS IS OBSERVED WITHIN THE SYSTEM, IT IS BEST PRACTICE FOR THE SYSTEM TO BE RINSED, INCLUDING ABOVE THE SPRING LINE SOON AFTER THE SPRING THAW AS PART OF THE MAINTENANCE PROGRAM FOR THE SYSTEM.

MAINTAINING AN UNDERGROUND DETENTION OR INFILTRATION SYSTEM IS EASIEST WHEN THERE IS NO FLOW ENTERING THE SYSTEM. FOR THIS REASON, IT IS A GOOD IDEA TO SCHEDULE THE CLEANOUT DURING DRY WEATHER.

THE FOREGOING INSPECTION AND MAINTENANCE EFFORTS HELP ENSURE UNDERGROUND PIPE SYSTEMS USED FOR STORMWATER STORAGE CONTINUE TO FUNCTION AS INTENDED BY IDENTIFYING RECOMMENDED REGULAR INSPECTION AND MAINTENANCE PRACTICES. INSPECTION AND MAINTENANCE RELATED TO THE STRUCTURAL INTEGRITY OF THE PIPE OR THE SOUNDNESS OF PIPE JOINT CONNECTIONS IS BEYOND THE SCOPE OF THIS GUIDE.

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CONTECH CMP DETENTION SYSTEMS

CONTECH **DYODS** DRAWING

DYO18677 Valley at Willow Industrial
Infiltration System
Rialto, CA
DETENTION SYSTEM

PROJECT No.:	SEQ. No.:	DATE:
12083	18677	6/30/2022
DESIGNED: DYO	DRAWN: DYO	
CHECKED: DYO	APPROVED: DYO	
SHEET NO.: 1		



CONTECH®
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Corrugated Metal Pipe Design Guide

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Durability Design Guide for Drainage Products

Proper design of culverts and storm sewers requires structural, hydraulic and durability considerations. While most designers are comfortable with structural and hydraulic design, the mechanics of evaluating abrasion, corrosion and water chemistry to perform a durability design are not commonly found in most civil engineering handbooks.

The durability and service life of a drainage pipe installation is directly related to the environmental conditions encountered at the site and the type of materials and coatings from which the culvert is fabricated. Two principle causes of early failure in drainage pipe materials are corrosion and abrasion.

Service life can be affected by the corrosive action of the backfill in contact with the outside of a drainage pipe or more commonly by the corrosive and abrasive action of the flow in the invert of the drainage pipe. The design life analysis should include a check for both the water side and soil side environments to determine which is more critical— or which governs service life.

The potential for metal loss in the invert of a drainage pipe due to abrasive flows is often overlooked by designers and its effects are often mistaken for corrosion. An estimate for potential abrasion is required at each pipe location in order to determine the appropriate material and gage.

This manual is intended to guide specifiers through the mechanics of selecting appropriate drainage products to meet service life requirements. The information contained in the following pages is a composite of several national guidelines.



Using the Design Guide

The choice of material, gage and product type can be extremely important to service life. The following steps describe the procedure for selecting the appropriate drainage product, material and gage to meet a specific service life requirement.

Design Sequence

1. Select pipe or structure based on hydraulic and clearance requirements. Use Tables 4 and 5 as reference for size limits and hydraulic properties of all drainage products.
2. Use Height of Cover tables for the chosen pipe or structure to determine the material gage required for the specific loading condition.
3. Use Table 1 to select the appropriate material for the site-specific environmental conditions. Whenever possible, existing installations of drainage structures along the same water course offer the most reliable estimate of long-term performance for specific environment conditions. In many cases, there will be more than one material that is appropriate for the project environmental conditions. Generally speaking, the metal material types increase in price as you move from top down on Table 1. Please contact your local CONTECH Sales Representative for pricing.
4. Use Table 2 to determine which abrasion level most accurately describes the typical storm event (2 year storm). The expected stream velocity and associated abrasion conditions should be based on a typical flow and not a 10 or 50-year design flood.
5. Use Table 3 to determine whether the structural gage for the selected material is sufficient for the design service life. If the structural gage is greater than or equal to the gage required for a particular abrasion condition and service life, use the structural gage. Conversely, if the structural gage is less than the gage required for a particular abrasion condition and service life, use the gage required by Table 3.

Note:

Both Contech round pipe and pipe-arch are available with either helical or annular corrugations. Contech HEL-COR® pipe (helical corrugations) is furnished with continuous lock seams and annular re-rolled ends. Contech riveted pipe is furnished with annular corrugations only. The height of cover tables in this guide are helical corrugations only. Consult your Contech representative for Height of Cover tables on riveted pipe.

Table 1 — Recommended Environments

Material Type	Soil* and Water pH 3 4 5 6 7 8 9 10 11 12	Resistivity (ohm-cm) Minimum	Maximum
Galvanized Steel*		2000	8000
Aluminized Steel Type 2		1500	N/A
Polymer Coated		250	N/A
Aluminum Alloy		500	N/A

**Appropriate pH range for Galvanized Steel is 6.0 to 10*

Table 2 — FHWA Abrasion Guidelines

Abrasion Level	Abrasion Condition	Bed Load	Flow Velocity (fps)
1	Non- Abrasive	None	Minimal
2	Low Abrasion	Minor	< 5
3	Moderate Abrasion	Moderate	5 - 15
4	Severe Abrasion	Heavy	> 15

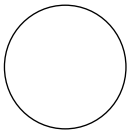
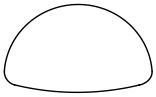
"Interim Direct Guidelines on Drainage Pipe Alternative Selection." FHWA, 2005.

Table 3 — Drainage Product Usage Guide[1]

Application	Culverts, Storm Drain, Cross Drain, Median Drain, Side Drain											
Roadway Classification	Rural	Minor	Major	Urban	Rural	Minor	Major	Urban	Rural	Minor	Major	Urban
Design Service Life	25	50	75	100	25	50	75	100	25	50	75	100
Abrasion Level	Abrasion Level 1 & 2				Abrasion Level 3				Abrasion Level 4			
CMP (1/2" & 1" deep corrugations, ULTRA FLO [3] & Smooth Cor [2,3])	Minimum gage required to meet design service life, assuming that structural design has been met.											
Galvanized (2 oz.)	*16*	*12*	*10*	*8[4]*	*14*	*10*	8	N/A	*14[5]*	*10[5]*	8[5]	N/A
Galvanized and Asphalt Coated	16	14	10	8	14	12	8	N/A	14[5]	12[5]	8[5]	N/A
Galv., Asphalt Coated and Paved Invert	16	16	14	10	16	14	12	8	14	12	10	N/A
Aluminized Type 2	16	16	16	14	14	14	14	12	14[6]	14[6]	14[6]	12[6]
Polymer Coated	16	16	16[8]	16[9]	16	16	16[8]	16[9]	14[7]	14[7]	14[7,8]	14[7,9]
Aluminum Alloy	16	16	16	16	14	14	14	14	14[5]	14[5]	14[5]	14[5]

1. *Based on Table 1 - Recommended Environments.*
2. *SmoothCor™ Steel Pipe combines a corrugated steel exterior shell with a hydraulically smooth interior liner.*
3. *Service life estimates for ULTRA FLO® and SmoothCor Pipe assume a storm sewer application. Storm sewers rarely achieve abrasion levels 3 or 4. For applications other than storm sewers or abrasion conditions above Abrasion Level 2, please contact your Contech Sales Representative for gage and coating recommendations.*
4. *Design service life for 8 gage galvanized is 97 years.*
5. *Invert protection to consist of velocity reduction structures.*
6. *Asphalt coated and paved invert or velocity reduction structures are needed.*
7. *Requires a field applied concrete paved invert with minimum thickness 1" above corrugation crests.*
8. *75 year service life for polymer coated is based on a pH range of 4-9 and resistivity greater than 750 ohm-cm.*
9. *100 year service life for polymer coated is based on a pH range of 5-9 and resistivity greater than 1500 ohm-cm.*

Table 4 - Product Dimensions

	Drainage Product	Common Uses	Size Limits* Minimum	Size Limits* Maximum	Manning's "n" Value
 Round Pipe	Corrugated Steel (1/2" deep corrugation)	Culverts, small bridges, storm water detention/ retention systems, conduits, tunnels, storm sewers.	12"	84"	0.011 - 0.021
	Corrugated Steel with Paved Invert (1/2" deep corrugation)		12"	84"	0.014 - 0.020
	Corrugated Steel (1" deep corrugation)		54"	144"	0.022 - 0.027
	Corrugated Steel with Paved Invert (1" deep corrugation)		54"	144"	0.019 - 0.023
	Corrugated Aluminum (1/2" deep corrugation)		12"	72"	0.011 - 0.021
	Corrugated Aluminum (1" deep corrugation)		30"	120"	0.023 - 0.027
	ULTRA FLO® Steel	Storm sewers, culverts, storm water detention/ retention systems.	18"	102"	0.012
	ULTRA FLO Aluminum		18"	84"	0.012
	SmoothCor™ Steel (1/2" deep corrugation)		18"	66"	0.012
	SmoothCor Steel (1" deep corrugation)		48"	126"	0.012
 Pipe-Arch	Corrugated Steel (1/2" deep corrugation)	Culverts, small bridges, storm water detention/ retention systems, conduits, tunnels, storm sewers.	17" x 13"	83" x 57"	0.011 - 0.021
	Corrugated Steel with Paved Invert (1/2" deep corrugation)		17" x 13"	83" x 57"	0.014 - 0.019
	Corrugated Steel (1" deep corrugation)		53" x 41"	142" x 91"	0.023 - 0.027
	Corrugated Steel with Paved Invert (1" deep corrugation)		53" x 41"	142" x 91"	0.019 - 0.022
	Corrugated Aluminum (1/2" deep corrugation)		17" x 13"	71" x 47"	0.011 - 0.021
	Corrugated Aluminum (1" deep corrugation)		60" x 46"	112" x 75"	0.023 - 0.027
	ULTRA FLO Steel	Storm sewers, culverts, storm water detention/ retention systems.	20" x 16"	66" x 51"	0.012
	ULTRA FLO Aluminum		20" x 16"	66" x 51"	0.012
	SmoothCor Steel (1/2" deep corrugation)		21" x 15"	77" x 52"	0.012
	SmoothCor Steel (1" deep corrugation)		53" x 41"	137" x 87"	0.012

* *For sizes outside of these limits, please contact your Contech representative.*

Table 5 — Corrugated Steel Pipe—Values of Coefficient of Roughness (n)

	All Diameters	1-1/2" x 1/4"		Helical* Corrugation Helical—2-2/3" x 1/2"						
2-2/3" x 1/2"	**Annular**	**8 in.**	**10 in.**	**12 in.**	**15 in.**	**18 in.**	**24 in.**	**36 in.**	**48 in.**	**60 in. +**
Unpaved	0.024	0.012	0.014	0.011	0.012	0.013	0.015	0.018	0.020	0.021
PAVED-INVERT	0.021						0.014	0.017	0.020	0.019
SmoothCor	N/A					0.012	0.012	0.012	0.012	0.012

		Helical*—3" x 1"							
3" x 1"	**Annular**	**36 in.**	**42 in.**	**48 in.**	**54 in.**	**60 in.**	**66 in.**	**72 in.**	**78 in. +**
Unpaved	0.027	0.022	0.022	0.023	0.023	0.024	0.025	0.026	0.027
PAVED-INVERT	0.023	0.019	0.019	0.020	0.020	0.021	0.022	0.022	0.023
SmoothCor	N/A			0.012	0.012	0.012	0.012	0.012	0.012

		Helical*—5" x 1"							
5" x 1"	**Annular**			**48 in.**	**54 in.**	**60 in.**	**66 in.**	**72 in.**	**78 in. +**
Unpaved	N/A			0.022	0.022	0.023	0.024	0.024	0.025
PAVED-INVERT	N/A			0.019	0.019	0.020	0.021	0.021	0.022
ULTRA FLO	N/A	**3/4" x 3/4" x 7-1/2"** All diameters n = 0.012							

* *Tests on helically corrugated pipe demonstrate a lower coefficient of roughness than for annularly corrugated steel pipe. Pipe-arches approximately have the same roughness characteristics as their equivalent round pipes.*

Table 6 - AASHTO Reference Specifications					
	Material Type	**Material**	**Pipe**	**Design***	**Installation***
Pipe & Pipe-Arch	**CMP (1/2" or 1" deep corrugations)**				
	Galvanized (2 oz.)	M218	M36	Section 12	Section 26
	Asphalt Coated	M190	M36	Section 12	Section 26
	Asphalt Coated and Paved Invert	M190	M36	Section 12	Section 26
	Aluminized Type 2	M274	M36	Section 12	Section 26
	Polymer Coated	M246	M36 & M245	Section 12	Section 26
	Aluminum Alloy	M197	M196	Section 12	Section 26
	ULTRA FLO (3/4" x 3/4" x 7-1/2" corrugation)				
	Galvanized (2 oz.)	M218	M36	Section 12	Section 26
	Aluminized Type 2	M274	M36	Section 12	Section 26
	Polymer Coated	M246	M36 & M245	Section 12	Section 26
	Aluminum Alloy	M197	M196	Section 12	Section 26
	SmoothCor				
	Polymer Coated	M246	M36 & M245	Section 12	Section 26

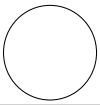
* *AASHTO LRFD Bridge Design Specification and AASHTO Standard Specification for Highway Bridges*



Corrugated Steel Pipe

Heights of Cover

2-2/3" x 1/2" Height of Cover Limits for Corrugated Steel Pipe



H 20 and H 25 Live Loads

Diameter or Span, Inches	Minimum Cover, Inches	Maximum Cover, Feet[2] Specified Thickness, Inches 0.052	0.064	0.079	0.109	0.138	0.168
6[10]	12	388	486				
8[10]		291	365				
10[10]		233	392				
12		197	248	310			
15		158	198	248			
18		131	165	206			
21		113	141	177	248		
24		98	124	155	217		
30			99	124	173		
36			83	103	145	186	
42			71	88	124	159	195
48			62	77	108	139	171
54				67	94	122	150
60					80	104	128
66					68	88	109
72						75	93
78							79
84	12						66

E 80 Live Loads

Diameter or Span, Inches	Minimum Cover, Inches	Maximum Cover, Feet[2] Specified Thickness, Inches 0.052	0.064	0.079	0.109	0.138	0.168
12	12	197	248	310			
15		158	198	248			
18		131	165	206			
21		113	141	177	248		
24		98	124	155	217		
30			99	124	173		
36			83	103	145	186	
42			71	88	124	159	195
48	12		62	77	108	139	171
54	18			67	94	122	150
60					80	104	128
66					68	88	109
72	18					75	93
78	24						79
84	24						66



H 20 and H 25 Live Loads, Pipe-Arch

Size Round Equivalent, Inches	Span x Rise, Inches	Minimum Structural Thickness, Inches	Minimum Cover, Inches	Maximum[7] Cover, Feet 2 Tons/Ft.² Corner Bearing Pressure
15	17 x 13	0.064	12	16
18	21 x 15	0.064		15
21	24 x 18	0.064		
24	28 x 20	0.064		
30	35x 24	0.064		
36	42 x 29	0.064		
42	49 x 33	0.064*		
48	57 x 38	0.064*		
54	64 x 43	0.079*		
60	71 x 47	0.109*		
66	77 x 52	0.109*		
72	83 x 57	0.138*	12	15

E 80 Live Loads, Pipe-Arch

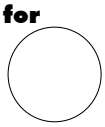
Size Round Equivalent, Inches	Span x Rise, Inches	Minimum Structural Thickness, Inches	Minimum Cover, Inches	Maximum[8] Cover, Feet 3 Tons/Ft.² Corner Bearing Pressure
15	17 x 13	0.079	24	22
18	21 x 15	0.079		
21	24 x 18	0.109		
24	28 x 20	0.109		
30	35 x 24	0.138		
36	42 x 29	0.138		
42	49 x 33	0.138*		
48	57 x 38	0.138*		
54	64 x 43	0.138*		
60	71 x 47	0.138*	24	22

* *These values are based on the AISI Flexibility Factor limit (0.0433 x 1.5) for pipe-arch.*

Heights of Cover Notes:

1. These tables are for lock-seam or welded-seam construction. They are not for riveted construction. Consult your Contech Sales Representative for Height of Cover tables on riveted pipe.
2. These values, where applicable, were calculated using a load factor of K=0.86 as adopted in the NCSPA CSP Design Manual, 2008.
3. The haunch areas of a pipe-arch are the most critical zone for backfilling. Extra care should be taken to provide good material and compaction to a point above the spring line.
4. E 80 minimum cover is measured from top of pipe to bottom of tie.
5. H 20 and H 25 minimum cover is measured from top of pipe to bottom of flexible pavement or top of rigid pavement.
6. The H 20 and H 25 pipe-arch tables are based on 2 tons per square foot corner bearing pressures.
7. The E 80 pipe-arch tables minimum and maximum covers are based on the corner bearing pressures shown. These values may increase or decrease with changes in allowable corner bearing pressures.
8. 0.052" is 18 gage.
   0.064" is 16 gage.
   0.079" is 14 gage.
   0.109" is 12 gage.
   0.138" is 10 gage.
   0.168" is 8 gage.
9. For construction loads, see Page 15.
10. 1-1/2" x 1/4" corrugation. H20, H25 and E80 loading.
11. SmoothCor has same Height of Cover properties as corrugated steel pipe. The exterior shell of SmoothCor is manufactured in either 2-2/3" x 1/2" or 3" x 1" corrugations; maximum exterior shell gage is 12.
12. Sewer gage (trench conditions) tables for corrugated steel pipe can be found in the AISI book "Modern Sewer Design," 4th Edition, 1999. These tables may reduce the minimum gage due to a higher flexibility factor allowed for a trench condition.

5" x 1" or 3" x 1" Height of Cover Limits for Corrugated Steel Pipe



H 20 and H 25 Live Loads

Diameter or Span, Inches	Minimum Cover Inches	Maximum Cover, Feet[2] Specified Thickness, Inches 0.064	0.079	0.109	0.138	0.168
54	12	56	70	98	127	155
60		50	63	88	114	139
66		46	57	80	103	127
72		42	52	74	95	116
78		39	48	68	87	107
84		36	45	63	81	99
90		33	42	59	76	93
96	12	31	39	55	71	87
102	18	29	37	52	67	82
108			35	49	63	77
114			32	45	58	72
120			30	42	54	66
126				39	50	61
132				36	46	58
138				33	43	53
144	18				39	49

Maximum cover heights shown are for 5" x 1".

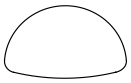
To obtain maximum cover for 3" x 1", increase these values by 12%

E 80 Live Loads

Diameter or Span, Inches	Minimum Cover Inches	Maximum Cover, Feet[2] Specified Thickness, Inches 0.064	0.079	0.109	0.138	0.168
54	18	56	70	98	127	155
60		50	63	88	114	139
66		46	57	80	103	127
72	18	42	52	74	95	116
78	24	39	48	68	87	107
84		36	45	63	81	99
90		33[1]	42	59	76	93
96	24	31[1]	39	55	71	87
102	30	29[1]	37	52	67	82
108			35	49	63	77
114			32[1]	45	58	72
120	30		30[1]	42	54	66
126	36			39	50	61
132				36	46	58
138				33[1]	43	53
144	36				39	49

Maximum cover heights shown are for 5" x 1".
To obtain maximum cover for 3" x 1", increase these values by 12%.
[1] These diameters in these gages require additional minimum cover.

5" x 1" Pipe-Arch Height of Cover Limits for Corrugated Steel Pipe



H 20 and H 25 Live Loads

Size: Equivalent Pipe Diameter	Size: Span x Rise Inches[3]	Minimum Specified Thickness, Inches*	Minimum Cover Inches	Maximum[7] Cover, Feet: 2 Tons/Ft.² Corner Bearing Pressure
72	81 x 59	0.109	18	21
78	87 x 63	0.109	18	20
84	95 x 67	0.109	18	20
90	103 x 71	0.109	18	20
96	112 x 75	0.109	21	20
102	117 x 79	0.109	21	19
108	128 x 83	0.109	24	19
114	137 x 87	0.109	24	19
120	142 x 91	0.138	24	19

Larger sizes are available in some areas of the United States. Check with your local Contech representative . Some minimum heights-of-cover for pipe-arches have been increased to take into account allowable "plus" tolerances on the manufactured rise.

E 80 Live Loads

Size: Equivalent Pipe Diameter	Size: Span x Rise Inches[3]	Minimum Specified Thickness, Inches*	Minimum Cover Inches	Maximum[8] Cover, Feet: 2 Tons/Ft.² Cover Bearing Pressure
72	81 x 59	0.109	30	21
78	87 x 63	0.109	30	18
84	95 x 67	0.109	30	18
90	103 x 71	0.109	36	18
96	112 x 75	0.109	36	18
102	117 x 79	0.109	36	17
108	128 x 83	0.109	42	17
114	137 x 87	0.109	42	17
120	142 x 91	0.138	42	17

* *Some 3" x 1" and 5" x 1" minimum gages shown for pipe-arch are due to manufacturing limitations.*

Heights of Cover Notes:

1. These tables are for lock-seam or welded-seam construction. They are not for riveted construction. Consult your Contech Sales Representative for Height of Cover tables on riveted pipe.
2. These values, where applicable, were calculated using a load factor of K=0.86 as adopted in the NCSPA CSP Design Manual, 2008.
3. The span and rise shown in these tables are nominal. Typically the actual rise that forms is greater than the specified nominal. This actual rise is within the tolerances as allowed by the AASHTO & ASTM specifications. The minimum covers shown are more conservative than required by the AASHTO and ASTM specifications to account for this anticipated increase in rise. Less cover height may be tolerated depending upon actual rise of supplied pipe arch.
4. The haunch areas of a pipe-arch are the most critical zone for backfilling. Extra care should be taken to provide good material and compaction to a point above the spring line.
5. E 80 minimum cover is measured from top of pipe to bottom of tie.
6. H 20 and H 25 minimum cover is measured from top of pipe to bottom of flexible pavement or top of rigid pavement.
7. The H 20 and H 25 pipe-arch tables are based on 2 tons per square foot corner bearing pressures.
8. The E 80 pipe-arch tables minimum and maximum covers are based on the corner bearing pressures shown. These values may increase or decrease with changes in allowable corner bearing pressures.
9. 0.052" is 18 gage.0.064" is 16 gage.
   0.079" is 14 gage.0.109" is 12 gage.
   0.138" is 10 gage.0.168" is 8 gage.
10. For construction loads, see Page 15.
11. SmoothCor has same Height of Cover properties as corrugated steel pipe. The exterior shell of SmoothCor is manufactured in either 2-$^{2}/_{3}$" x $^{1}/_{2}$" or 3"x1" corrugations; maximum exterior shell gage is 12.
12. Sewer gage (trench conditions) tables for corrugated steel pipe can be found in the AISI book "Modern Sewer Design," 4th Edition, 1999. These tables may reduce the minimum gage due to a higher flexibility factor allowed for a trench condition.

3" x 1" Pipe-Arch Height of Cover Limits for Corrugated Steel Pipe-Arch



H 20 and H 25 Live Loads

Size		Minimum		Maximum[7]
Equivalent Pipe Diameter	Span x Rise Inches	Specified Thickness, Inches*	Minimum Cover Inches	Cover, Feet 2 Tons/Ft.² Corner Bearing Pressure
48	53 x 41	0.079	12	25
54	60 x 46	0.079	15	25
60	66 x 51	0.079	15	25
66	73 x 55	0.079	18	24
72	81 x 59	0.079	18	21
78	87 x 63	0.079	18	20
84	95 x 67	0.079	18	20
90	103 x 71	0.079	18	20
96	112 x 75	0.079	21	20
102	117 x 79	0.109	21	19
108	128 x 83	0.109	24	19
114	137 x 87	0.109	24	19
120	142 x 91	0.138	24	19

Larger sizes are available in some areas of the United States. Check with your local Contech Sales Representative.

Some minimum heights-of-cover for pipe-arches have been increased to take into account allowable "plus" tolerances on the manufactured rise.

E 80 Live Loads

Size		Minimum		Maximum[8]
Equivalent Pipe Diameter	Span x Rise Inches	Specified Thickness, Inches*	Minimum Cover Inches	Cover, Feet 2 Tons/Ft.² Corner Bearing Pressure
48	53 x 41	0.079	24	25
54	60 x 46	0.079	24	25
60	66 x 51	0.079	24	25
66	73 x 55	0.079	30	24
72	81 x 59	0.079	30	21
78	87 x 63	0.079	30	18
84	95 x 67	0.079	30	18
90	103 x 71	0.079	36	18
96	112 x 75	0.079	36	18
102	117 x 79	0.109	36	17
108	128 x 83	0.109	42	17
114	137 x 87	0.109	42	17
120	142 x 91	0.138	42	17

* *Some 3" x 1" and 5" x 1" minimum gages shown for pipe-arch are due to manufacturing limitations.*

Heights of Cover Notes:

1. These tables are for lock-seam or welded-seam construction. They are not for riveted construction. Consult your Contech Sales Representative for Height of Cover tables on riveted pipe.
2. These values, where applicable, were calculated using K=0.86 as adopted in the NCSPA CSP Design Manual, 2008.
3. The span and rise shown in these tables are nominal. Typically the actual rise that forms is greater than the specified nominal. This actual rise is within the tolerances as allowed by the AASHTO & ASTM specifications. The minimum covers shown are more conservative than required by the AASHTO and ASTM specifications to account for this anticipated increase in rise. Less cover height may be tolerated depending upon actual rise of supplied pipe arch.
4. The haunch areas of a pipe-arch are the most critical zone for backfilling. Extra care should be taken to provide good material and compaction to a point above the spring line.
5. E 80 minimum cover is measured from top of pipe to bottom of tie.
6. H 20 and H 25 minimum cover is measured from top of pipe to bottom of flexible pavement or top of rigid pavement.
7. The H 20 and H 25 pipe-arch tables are based on 2 tons per square foot corner bearing pressures.
8. The E 80 pipe-arch tables minimum and maximum covers are based on the corner bearing pressures shown. These values may increase or decrease with changes in allowable corner bearing pressures.
9. 0.052" is 18 gage.
   0.064" is 16 gage.
   0.079" is 14 gage.
   0.109" is 12 gage.
   0.138" is 10 gage.
   0.168" is 8 gage.
10. For construction loads, see Page 15.
11. SmoothCor has same Height of Cover properties as corrugated steel pipe. The exterior shell of SmoothCor is manufactured in either 2-$^{2}/_{3}$" x $^{1}/_{2}$" or 3" x 1" corrugations; maximum exterior shell gage is 15.
12. Sewer gage (trench conditions) tables for corrugated steel pipe can be found in the AISI book "Modern Sewer Design," 4th Edition, 1999. These tables may reduce the minimum gage due to a higher flexibility factor allowed for a trench condition.



Approximate Weight (Pounds/Foot) Contech Corrugated Steel Pipe

(Estimated Average Weights—Not for Specification Use)

1-1/2″ x 1/4″ Corrugation			
Inside Diameter, in.	**Specified Thickness, in.**	**Galvanized & ALUMINIZED**	**Full Coated**
6	0.052	4	5
	0.064	5	6
8	0.052	5	6
	0.064	6	7
10	0.052	6	7
	0.064	7	8

Steel Thicknesses by Gage						
Gage	18	16	14	12	10	8
Thickness	.052	.064	.079	.109	.138	.168

2-2/3″ x 1/2″ Corrugation					
Inside Diameter, in.	Specified Thickness	Galvanized & ALUMINIZED	Full Coated	Coated & PAVED-INVERT	SmoothCor
12	0.052	8	10	13	
	0.064	10	12	15	
	0.079	12	14	17	
15	0.052	10	13	16	
	0.064	12	15	18	
	0.079	15	18	21	
18	0.052	12	16	19	
	0.064	15	19	22	25
	0.079	18	22	25	28
21	0.052	14	18	23	
	0.064	17	21	26	29
	0.079	21	25	30	33
	0.109	29	33	33	41
24	0.052	15	20	26	
	0.064	19	24	30	30
	0.079	24	29	35	38
	0.109	33	38	44	47
30	0.064	24	30	36	42
	0.079	30	36	42	48
	0.109	41	47	53	59
36	0.064	29	36	44	51
	0.079	36	43	51	58
	0.109	49	56	64	71
	0.138	62	69	77	
42	0.064	34	42	51	60
	0.079	42	50	59	68
	0.109	57	65	74	82
	0.138	72	80	89	
	0.168	88	96	105	
48	0.064	38	48	57	67
	0.079	48	58	67	77
	0.109	65	75	84	94
	0.138	82	92	101	
	0.168	100	110	119	
54	0.079	54	65	76	87
	0.109	73	84	95	106
	0.138	92	103	114	
	0.168	112	123	134	
60	0.109	81	92	106	117
	0.138	103	114	128	
	0.168	124	135	149	
66	0.109	89	101	117	129
	0.138	113	125	141	
	0.168	137	149	165	
72	0.138	123	137	154	(2)
	0.168	149	163	180	
78	0.168	161	177	194	(2)
84	0.168	173	190	208	(2)

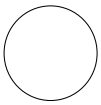
3″ x 1″ or 5″ x 1″ Corrugation					
Inside Diameter, in.	Specified Thickness	Galvanized & ALUMINIZED	Full Coated	Coated & PAVED-INVERT	SmoothCor
54	0.064	50	66	84	84
	0.079	61	77	95	95
	0.109	83	100	118	118
	0.138	106	123	140	
	0.168	129	146	163	
60	0.064	55	73	93	93
	0.079	67	86	105	105
	0.109	92	110	130	130
	0.138	118	136	156	
	0.168	143	161	181	
66	0.064	60	80	102	102
	0.079	74	94	116	116
	0.109	101	121	143	145
	0.138	129	149	171	
	0.168	157	177	199	
72	0.064	66	88	111	112
	0.079	81	102	126	127
	0.109	110	132	156	157
	0.138	140	162	186	
	0.168	171	193	217	
78	0.064	71	95	121	120
	0.079	87	111	137	136
	0.109	119	143	169	168
	0.138	152	176	202	
	0.168	185	209	235	
84	0.064	77	102	130	130
	0.079	94	119	147	147
	0.109	128	154	182	181
	0.138	164	189	217	
	0.168	199	224	253	
90	0.064	82	109	140	139
	0.079	100	127	158	157
	0.109	137	164	195	194
	0.138	175	202	233	
	0.168	213	240	271	
96	0.064	87	116	149	148
	0.079	107	136	169	168
	0.109	147	176	209	208
	0.138	188	217	250	
	0.168	228	257	290	
102	0.064	93	124	158	158
	0.079	114	145	179	179
	0.109	155	186	220	222
	0.138	198	229	263	
	0.168	241	272	306	
108	0.079	120	153	188	189
	0.109	165	198	233	235
	0.138	211	244	279	
	0.168	256	289	324	
114	0.079	127	162	199	200
	0.109	174	209	246	248
	0.138	222	257	294	
	0.168	271	306	343	
120	0.079	134	171	210	211
	0.109	183	220	259	260
	0.138	234	271	310	
	0.168	284	321	360	
126	0.109	195	233	274	276
	0.138	247	285	326	
	0.168	299	338	378	
132	0.109	204	244	287	289
	0.138	259	299	342	
	0.168	314	354	397	
138	0.109	213	255	300	300
	0.138	270	312	357	
	0.168	328	370	415	
144	0.138	282	326	373	
	0.168	344	388	435	(2)

1. *Weights for polymer coated pipe are 1% to 4% higher, varying by gage.*
2. *Please contact your Contech Sales Representative.*
3. *Weights listed in the 3″ x 1″ or 5″ x 1″ table are for 3″ x 1″ pipe. Weights for 5″ x 1″ are approximately 12% less than those used in this table, for metallic coated pipe.*

Corrugated Aluminum Pipe

Heights of Cover

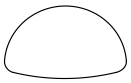
2-2/3″ X 1/2″ Height of Cover Limits for Corrugated Aluminum Pipe



HL 93 Live Load

Diameter or Span (In.)	Minimum Cover (In.)	Maximum Cover, (Ft.)[2] Equiv. Standard Gage 18	16	14	12	10	8[5]
6 [4]	12	197	247				
8 [4]		147	185				
10 [4]		119	148				
12			125	157			
15			100	125			
18			83	104			
21			71	89			
24			62	78	109		
27				69	97		
30				62	87		
36				51	73	94	
42					62	80	
48	12				54	70	85
54	15				48	62	76
60	15					52	64
66	18						52
72	18						43

2 2/3" x 1/2" Height of Cover Limits for Corrugated Aluminum Pipe-Arch



HL 93 Live Load

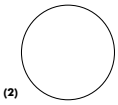
Round Pipe Dia. (Inches)	Size, (In.) Span x Rise	Minimum Gage	Minimum[3] Cover (Inches)	Maximum Cover, (Ft.) Aluminum Pipe-Arch[2] 2 Tons/Ft.² for Corner Bearing Pressures
15	17x13	16	12	13
18	21x15	16	12	12
21	24x18	16	12	12
24	28x20	14	12	12
30	35x24	14	12	12
36	42x29	12	12	12
42	49x33	12	15	12
48	57x38	10	15	12
54	64x43	10	18	12
60	71x47	8[5]	18	12

Notes:

1. *Height-of-cover is measured to top of rigid pavement or to bottom of flexible pavement.*
2. *Maximum cover meets AASHTO LRFD design criteria.*
3. *Minimum cover meets AASHTO and ASTM B 790 design criteria.*
4. *1 1/2″ x 1/4″ corrugation.*
5. *8-gage pipe has limited availability.*
6. *For construction loads, see page 15.*

Heights of Cover

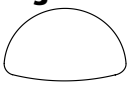
3″ x 1″ Height of Cover Limits for Corrugated Aluminum Pipe



HL 93 Live Load

Diameter or Span (In.)	Minimum[3] Cover (In.)	Maximum Cover, (Ft.) [2] Equiv. Standard Gage 16	14	12	10	8[6]
30	12	57	72	101	135	159
36		47	60	84	112	132
42		40	51	72	96	113
48	12	35	44	62	84	99
54	15	31	39	55	74	88
60	15	28	35	50	67	79
66	18	25	32	45	61	72
72	18	23	29	41	56	66
78	21		27	38	51	61
84	21			35	48	56
90	24			33	44	52
96	24			31	41	49
102	24				39	46
108	24				37	43
114	24					39
120	24					36

3″ x 1″ Height of Cover Limits for Corrugated Aluminum Pipe-Arch



HL 93 Live Load

Round Pipe Dia. (Inches)	Size, (In.) Span x Rise	Minimum Gage	Minimum[3] Cover (Inches)	Maximum Cover, (Ft.) Aluminum Pipe-Arch[2] 2 Tons/Ft.² for Corner Bearing Pressures
54	60x46	14	15	20
60	66x51	14	18	20
66	73x55	14	21	20
72	81x59	12	21	16
78[4]	87x63	12	24	16
84[4]	95x67	12	24	16
90[4]	103x71	10	24	16
96[4]	112x75	8[5]	24	16

Notes:

1. *Height-of-cover is measured to top of rigid pavement or to bottom of flexible pavement.*
2. *Maximum cover meets AASHTO LRFD design criteria.*
3. *Minimum cover meets ASTM B 790 design criteria.*
4. *Limited availability on these sizes.*
5. *8-gage pipe has limited availability.*
6. *For construction loads, see page 15.*

Approximate Weight/Foot
Contech Corrugated Aluminum Pipe

(Estimated Average Weights—Not for Specification Use)

2 2/3″ x 1/2″ Corrugation Aluminum Pipe

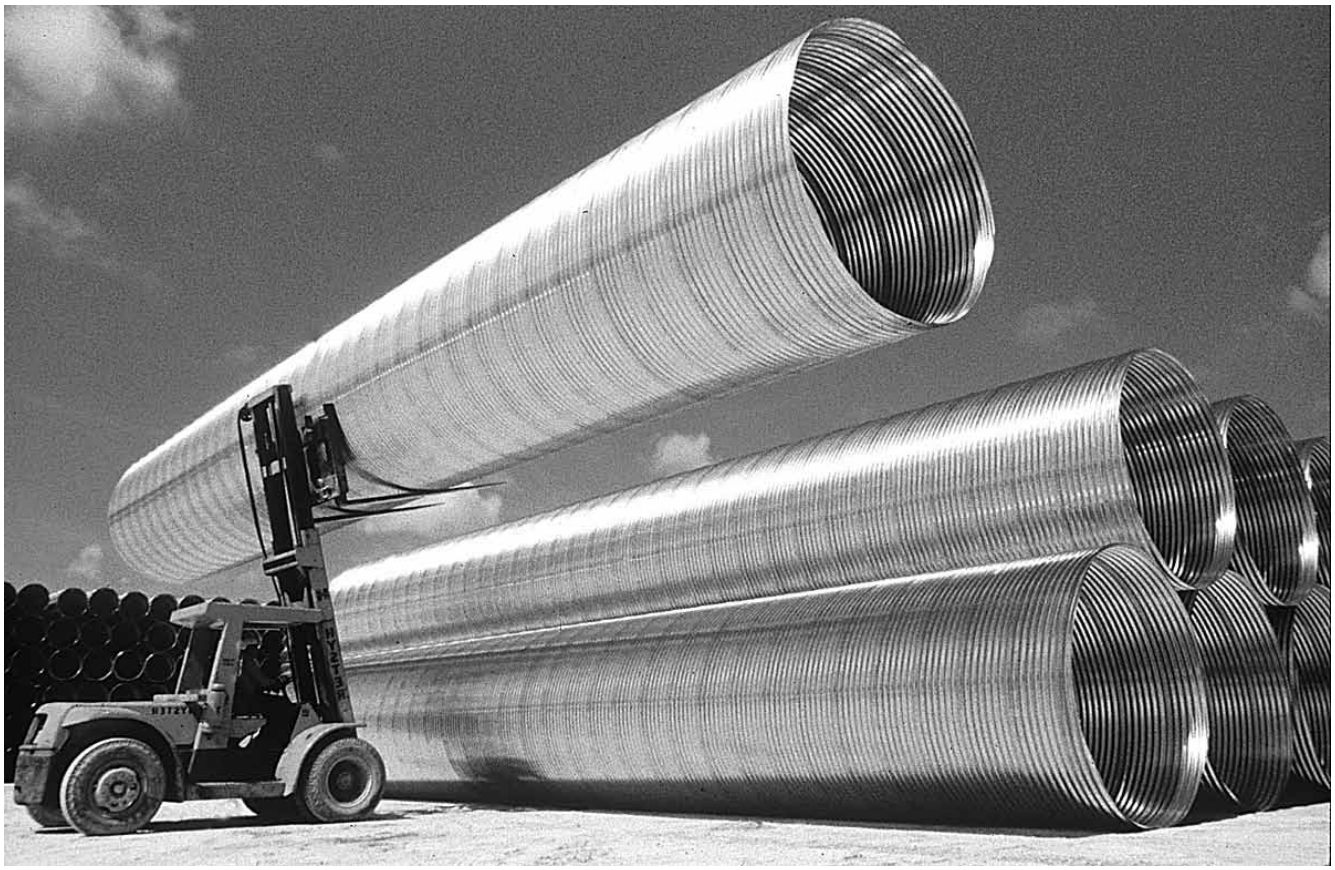
Diameter or Span (Inches)	Weight (Lb./Lineal Ft.) Equiv. Standard Gage					
	(.048) 18	(.060) 16	(.075) 14	(.105) 12	(.135) 10	(.164) 8[3]
6 [2]	1.3	1.6				
8 [2]	1.7	2.1				
10 [2]	2.1	2.6				
12		3.2	4.0			
15		4.0	4.9			
18		4.8	5.9			
21		5.6	6.9			
24		6.3	7.9	10.8		
27			8.8	12.2		
30			9.8	13.5		
36			11.8	16.3	20.7	
42				19.0	24.2	
48				21.7	27.6	33.5
54				24.4	31.1	37.7
60					34.6	41.9
66						46.0
72						50.1

3″ x 1″ Corrugation Aluminum Pipe

Diameter or Span (Inches)	Weight (Lb./Lineal Ft.) Equiv. Standard Gage				
	(.060) 16	(.075) 14	(.105) 12	(.135) 10	(.164) 8[3]
30	9.3	11.5	15.8	20.2	
36	11.1	13.7	18.9	24.1	
42	12.9	16.0	22.0	28.0	
48	14.7	18.2	25.1	32.0	38.8
54	16.5	20.5	28.2	35.9	43.6
60	18.3	22.7	31.3	40.0	48.3
66	20.2	24.9	34.3	43.7	53.0
72	22.0	27.1	37.4	47.6	57.8
78		29.3	40.4	51.5	62.5
84			43.5	55.4	67.2
90			46.6	59.3	71.9
96			49.6	63.2	76.7
102				66.6	80.8
108				71.0	86.1
114					90.9
120					95.6

Notes:

1. *Helical lockseam pipe only. Annular riveted pipe weights will be higher.*
2. *1 ½″ x ¼″ Corrugation.*
3. *8-gage pipe has limited availability.*



ULTRA FLO®

Heights of Cover

Galvanized, ALUMINIZED STEEL Type 2 or Polymer Coated Steel** ULTRA FLO H 20 and H 25 Live Load

Diameter (Inches)	Minimum/Maximum Cover (Feet) Specified Thickness and Gage (0.064) 16	(0.079) 14	(0.109) 12	(0.138) 10
18	1.0/108	1.0/151		
21	1.0/93	1.0/130	1.0/216	
24	1.0/81	1.0/113	1.0/189	
30	1.0/65	1.0/91	1.0/151	
36	1.0/54	1.0/75	1.0/126	
42	1.0/46	1.0/65	1.0/108	
48	1.0/40	1.0/56	1.0/94	1.0/137
54	1.25/36	1.25/50	1.0/84	1.0/122
60	1.25*/32*	1.25/45	1.0/75	1.0/109
66		1.5/41	1.25/68	1.25/99
72		1.5*/37*	1.25/63	1.25/91
78		1.75*/34*	1.5/58	1.5/84
84			1.75/54	1.75/78
90			2.0*/50*	2.0/73
96			2.0*/47*	2.0/68
102			2.5*/43*	2.5/61
108				2.5*/54*
114				2.5*/49*
120				2.5*/43*

Galvanized, ALUMINIZED STEEL Type 2 or **Polymer Coated** Steel** ULTRA FLO E 80 Live Load

Diameter (Inches)	(0.064) 16	(0.079) 14	(0.109) 12	(0.138) 10
18	1.0 / 93	1.0 / 130		
21	1.0 / 79	1.0 / 111	1.0 / 186	
24	1.0 / 69	1.0 / 97	1.0 / 162	
30	1.0 / 55	1.0 / 78	1.0 / 130	
36	1.5 / 46	1.25 / 65	1.0 / 108	
42	1.5 / 39	1.5 / 55	1.25 / 93	
48	2.0 / 34	1.75 / 48	1.5 / 81	1.5 / 118
54	3.0* / 28*	2.0 / 43	1.5 / 72	1.5 / 104
60		2.0 / 39	1.75 / 65	1.75 / 94
66		2.5* / 35*	2.0 / 58	2.0 / 85
72			2.0 / 49	2.0 / 78
78			2.5 / 42	2.5 / 72
84			2.75* / 35*	2.5 / 67
90				2.5 / 62
96				2.5* / 58*
102				3.0* / 52*

Notes:

1. The tables for Steel H 20 and H 25 loading are based on the NCSPA CSP Design Manual, 2008 and were calculated using a load factor of K=0.86. The tables for Steel E 80 loading are based on the AREMA Manual. The tables for Aluminum HL 93 loading are based on AAS-HTO LRFD Design Criteria.
2. The haunch areas of a pipe-arch are the most critical zone for backfilling. Extra care should be taken to provide good material and compaction to a point above the spring line.
3. E 80 minimum cover is measured from top of pipe to bottom of tie.
4. H 20, H 25 and HL 93 minimum cover is measured from top of pipe to bottom of flexible pavement or top of rigid pavement.
5. The H 20, H 25 and HL 93 pipe-arch tables are based on 2 tons per square foot corner bearing pressures.
6. The E 80 pipe-arch tables minimum and maximum covers are based on 3 tons per square foot corner bearing pressures shown.
7. Larger size pipe-arches may be available on special order.
8. M.L. (Heavier gage is required to prevent crimping at the haunches.)
9. For construction loads, see Page 15.
10. Sewer gage (trench conditions) tables for corrugated steel pipe can be found in the AISI book "Modern Sewer Design," 4th Edition, 1999. These tables may reduce the minimum gage due to a higher flexibility factor allowed for a trench condition.

Galvanized, ALUMINIZED STEEL Type 2 or **Polymer Coated** Steel** ULTRA FLO Pipe-Arch H 20 and H 25 Live Load

Equiv. Pipe Dia. (Inches)	Span (Inches)	Rise (Inches)	Minimum/Maximum Cover (Feet) Specified Thickness and Gage (0.064) 16	(0.079) 14	(0.109) 12
18	20	16	1.0/16		
21	23	19	1.0/15		
24	27	21	1.0/13		
30	33	26	1.0/13	1.0/13	
36	40	31	1.0/13	1.0/13	
42	46	36	M.L.[8]	M.L.[8]	1.0/13
48	53	41	M.L.[8]	M.L.[8]	1.25/13
54	60	46	M.L.[8]	M.L.[8]	1.25/13
60	66	51	M.L.[8]	M.L.[8]	1.25/13

Galvanized, ALUMINIZED STEEL Type 2 or **Polymer Coated** Steel** ULTRA FLO Pipe-Arch E 80 Live Load

Span x Rise (Inches)	Round Equivalent	Minimum Cover (Inches)	Minimum Gage	Max Cover (Feet)
20x16	18	24	16	22
23x19	21	24	16	21
27x21	24	24	16	18
33x26	30	24	16	18
40x31	36	24	16	17
46x36	42	24	12	18
53x41	48	24	12	18
60x46	54	24	12	18
66x51	60	24	12	18



ULTRA FLO can be manufactured from polymer coated steel for added durability.

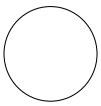
11. All heights of cover are based on trench conditions. If embankment conditions exist, there may be restriction on gages for the large diameters. Your Contech Sales Representative can provide further guidance for a project in embankment conditions.
12. All steel ULTRA FLO is installed in accordance with ASTM A798 "Installing Factory-Made Corrugated Steel Pipe for Sewers and Other Applications."

* *These sizes and gage combinations are installed in accordance with ASTM A796 paragraphs 18.2.3 and ASTM A798. For aluminum ULTRA FLO refer to ASTM B790 and B788.*

** *Contact your local Contech representative for more specific information on Polymer Coated ULTRA FLO for gages 12 and 10.*

Heights of Cover

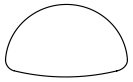
Aluminum ULTRA FLO HL 93 Live Load



Diameter (Inches)	Minimum/Maximum Cover (Feet) Specified Thickness and Gage (0.060) 16	(0.075) 14	(0.105) 12	(0.135) 10
18	1.0/43	1.0/61		
21	1.0/38	1.0/52	1.0/84	
24	1.0/33	1.0/45	1.0/73	
30	1.0/26	1.25/36	1.25/58	
36	1.5*/21*	1.50/30	1.5/49	1.5/69
42		1.75*/25*	1.75/41	1.75/59
48			2.0/36	2.0/51
54			2.0/32	2.0/46
60			2.0*/29*	2.0/41
66				2.0/37
72				2.5*/34*

See previous page for height of cover notes.

Aluminum ULTRA FLO Pipe-Arch HL 93 Live Load



Equiv. Pipe Dia. (Inches)	Span (Inches)	Rise (Inches)	Minimum/Maximum Cover (Feet) Specified Thickness and Gage (0.060) 16	(0.075) 14	(0.105) 12	(0.135) 10
18	20	16	1.0/16			
21	23	19	1.0/15			
24	27	21	1.25/13	1.25/13		
30	33	26	1.5/13	1.5/13	1.5/13	
36	40	31		1.75/13	1.75/13	
42	46	36			2.0/13	2.0/13
48	53	41			2.0/13	2.0/13
54	60	46			2.0*/13*	2.0/13
60	66	51				2.0/13

Approximate Weight/Foot Contech ULTRA FLO Pipe

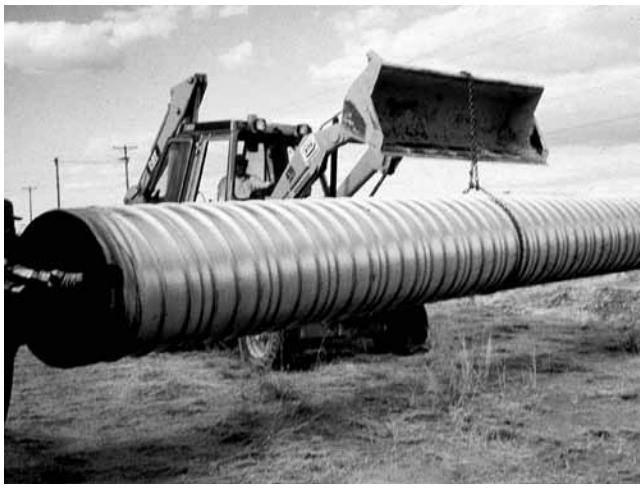
Handling Weight for **ALUMINIZED STEEL Type 2** or **Galvanized Steel** ULTRA FLO

Diameter (Inches)	Weight (Pounds/Lineal Foot) Specified Thickness and Gage (0.064) 16	(0.079) 14	(0.109) 12	(0.138) 10
18	15	18		
21	17	21	29	
24	19	24	36	
30	24	30	42	
36	29	36	50	
42	33	42	58	
48	38	48	66	80
54	45	54	75	90
60	48	60	83	99
66		66	91	109
72		72	99	119
78		78	108	129
84			116	139
90			124	149
96			132	158
102			141	168
108				175
114				196
120				206

Weights for polymer coated pipe are 1% to 4% higher, varying by gage.

Handling Weight for **ALUMINUM** ULTRA FLO

Diameter (Inches)	Weight (Pounds/Lineal Foot) Specified Thickness and Gage (0.060) 16	(0.075) 14	(0.105) 12	(0.135) 10
18	5	6		
21	6	8	11	
24	7	9	13	
30	9	11	15	
36	11	13	18	23
42	12	15	21	26
48		17	24	30
54		19	27	34
60			30	37
66			33	41
72			36	45
78				49
84				52



ULTRA FLO is available in long lengths. And, its light weight allows it to be unloaded and handled with small equipment.



Reduced excavation because of ULTRA FLO's smaller outside diameter.

Installation Corrugated Metal Pipe

Overview
Satisfactory site preparation, trench excavation, bedding and backfill operations are essential to develop the strength of any flexible conduit. In order to obtain proper strength while preventing settlement, it is necessary that the soil envelope around the pipe be of good granular material, properly placed and carefully compacted.

Bedding
Bedding preparation is critical to both pipe performance and service life. The bed should be constructed to uniform line and grade to avoid distortions that may create undesirable stresses in the pipe and/or rapid deterioration of the roadway. The bed should be free of rock formations, protruding stones, frozen lumps, roots and other foreign matter that may cause unequal settlement.

Placing the pipe
Corrugated metal pipe weighs much less than other commonly used drainage structures. This is due to the efficient strength of the metal, further improved with carefully designed and formed corrugations. Even the heaviest sections of Contech pipe can be handled with relatively light equipment compared with equipment required for much heavier reinforced concrete pipe.

Backfill
Satisfactory backfill material, proper placement and compaction are key factors in obtaining maximum strength and stability. Backfill should be a well-graded granular material and should be free of large stones, frozen lumps and other debris.

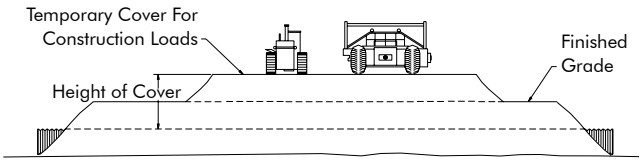
Backfill materials should be placed in layers about six inches deep, deposited alternately on opposite sides of the pipe. Each layer should be compacted carefully. Select backfill is placed and compacted until minimum cover height is reached, at which point, standard road embankment backfill procedures are used.

Installation References
For more information, see AASHTO Bridge Construction Specification Section 26, the Installation Manual of the National Corrugated Steel Pipe Association, ASTM A798 for steel and ASTM B788 for aluminum ULTRA FLO.

Additional Considerations for ULTRA FLO Installations
Bedding and Backfill
Typical ULTRA FLO installation requirements are the same as for any other corrugated metal pipe installed in a trench. Bedding and backfill materials for ULTRA FLO follow the requirements of the CMP installation specifications mentioned above, and must be free from stones, frozen lumps or other debris. When ASTM A796 (steel) or B790 (aluminum) designs are to be followed for condition III requirements, indicated by asterisk (*) in the tables on page 13 and 14, use clean, easily compacted granular backfill materials.

Embankment Conditions
ULTRA FLO is a superior CMP storm sewer product that is normally installed in a trench condition. In those unusual embankment installation conditions, pipe sizes and gages may be restricted. Your Contech Sales Representative can provide you with further guidance.

Construction Loads
For temporary construction vehicle loads, an extra amount of compacted cover may be required over the top of the pipe. The Height of Cover shall meet minimum requirements shown in the table below. The use of heavy construction equipment necessitates greater protection for the pipe than finished grade cover minimums for normal highway traffic.



Min. Height of Cover Requirements for Construction Loads On Corrugated Steel Pipe*

Diameter/ Span, (Inches)	Minimum Cover (feet) for Indicated Axle Loads (kips)			
	18-50	50-75	75-110	110-150
12-42	2.0	2.5	3.0	3.0
48-72	3.0	3.0	3.5	4.0
78-120	3.0	3.5	4.0	4.0
126-144	3.5	4.0	4.5	4.5

Min. Height of Cover Requirements for Construction Loads On Corrugated Aluminum Pipe*

Diameter/ Span (Inches)	Axle Load (Kips)			
	18-50	50-75	75-110	110-150
12-42	3.0′	3.5′	4.0′	4.0′
48-72	4.0′	4.0′	5.0′	5.5′
78-120	4.0′	5.0′	5.5′	5.5′

Min. Height of Cover Requirements for Construction Loads On ULTRA FLO Pipe*

Diameter/ Span (Inches)	Axle Load (Kips)			
	18-50	50-75	75-110	110-150
	Steel 3/4″ x 3/4″ x 7-1/2″			
15-42	2.0'	2.5'	3.0'	3.0'
48-72	3.0'	3.0'	3.5'	4.0'
78-108	3.0'	3.5'	4.0'	4.5'
	Aluminum 3/4″ x 3/4″ x 7-1/2″			
15-42	3.0'	3.5'	4.0'	4.0'

* Minimum cover may vary depending on local conditions. The contractor must provide the additional cover required to avoid damage to the pipe. Minimum cover is measured from the top of the pipe to the top of the maintained construction roadway surface.

SmoothCor™ Pipe

Excellent Hydraulics, Long Lengths and Easy Installation

Corrugated Steel Shell

SmoothCor pipe has a smooth interior steel liner that provides a Manning's "n" of 0.012. Its rugged, corrugated steel shell supplies the structural strength to outperform rigid pipe. SmoothCor pipe is both the economical and performance alternate to concrete.

Superior hydraulics

SmoothCor, with its smooth interior surface, is hydraulically superior to conventional corrugated steel pipe and with fewer joints and better interior surface, outperforms reinforced concrete pipe.

SmoothCor, with its long lengths, light weight and beam strength, is superior to concrete pipe in many difficult situations such as poor soils, poor subsurface drainage conditions, steep slopes and high fills. SmoothCor should be specified as an alternate under normal site conditions, and specified exclusively under very difficult situations that demand the strength of CSP with positive joints and a hydraulically efficient smooth liner.

Two Pipe Shapes

In addition to full-round pipe, SmoothCor comes in a pipe-arch shape for limited headroom conditions. The low, wide pipe-arch design distributes the flow area horizontally, enabling it to be installed with lower head room than a round pipe.

Reference specifications

Material	Polymer Coated	ASTM A 929 AASHTO M246 ASTM A 742
Pipe	Polymer	AASHTO M245 ASTM A 762 & A 760
Design	Steel Pipe	AASHTO Section 12 ASTM A 796
Installation	Steel Pipe	AASHTO Section 26 ASTM A 798

Structural Design

SmoothCor is lined with either 18 or 20 gage steel. Contech has taken a conservative approach to the Height of Cover. The maximum heights-of-cover are based on the shell thickness with no additional structural allowance for the liner as provided for in the AASHTO and ASTM design specifications. Using this approach, the Height of Cover tables for 2 2/3" x 1/2" and 3"x1" steel corrugations can be used for SmoothCor.

Diameters

SmoothCor is available in diameters ranging from 18 inches to 66 inches in 2 2/3" x 1/2" corrugation. The 3" x 1" corrugation is available in diameters of 48 inches to 126 inches.

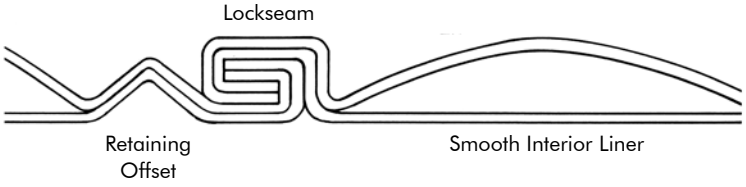
Pipe-arch sizes range from 21" x 15" through 77" x 52" for 2 2/3" x 1/2" corrugations, and 53" x 41" through 137" x 87" for 3"x1" corrugations.

Materials

SmoothCor is available with Dow's TRENCHCOAT® that allows the engineer to design for long service life. TRENCHCOAT is a tough, heavy-gage polymer film laminated to both sides of the steel coil, providing a barrier to corrosion and mild abrasion. TRENCHCOAT is particularly effective for protection in corrosive soils.

Fittings

SmoothCor can be fabricated into any type of structure including tees, elbows, laterals, catch basins, manifolds and reducers. Pre-fabricated fittings are more economical and have superior hydraulic characteristics when compared to concrete structures.





QUICK STAB® Joint

Save Time and Money With Faster Pipe Bell and Spigot Coupling

The Contech QUICK STAB Bell and Spigot joint speeds installation of corrugated metal pipe (CMP), reducing your costs. With the QUICK STAB coupling system, installation of CMP storm sewers and culverts has never been easier or faster.

The QUICK STAB joint creates a bell and spigot joining system with the bell only 1-1/2" larger than the pipe's O.D. Assembled at the factory, the QUICK STAB bell is shipped to the job site ready for installation. The only field operation is placing a special fluted gasket onto the spigot end of the pipe, applying lubricant and pushing it into the bell end of the preceding pipe. Without bands, bolts and wrenches to work and worry with, you can join pipe segments 50% to 90% faster—saving time, money and aggravation.

Soil Tight Joint

Contech's QUICK STAB joint provides the same soil tightness as conventional CMP bands. Each QUICK STAB joint uses a double sealing fluted gasket to seal the spigot against the bell. A flat gasket is installed at the plant between the pipe and the corrugated end of the bell. With the deep bell, you gain maximum soil tightness with minimal installation effort.

Wide Variety of Coatings and Materials

- Plain galvanized
- Aluminized Steel Type 2
- Aluminum
- Polymeric coated

Four Times Faster Installation Than Concrete

The QUICK STAB's bell and spigot joining system allows pipe segments to be joined quicker than reinforced concrete pipe. Next, add in Contech's corrugated metal pipe's length advantage—each segment is four times longer than standard concrete pipe lengths. That means fewer joints and faster installation—up to four times faster! Plus, with the bell only 1-1/2" larger than the pipe, trench excavation is considerably less compared with concrete—again, saving time and money.

Field Installation Instructions

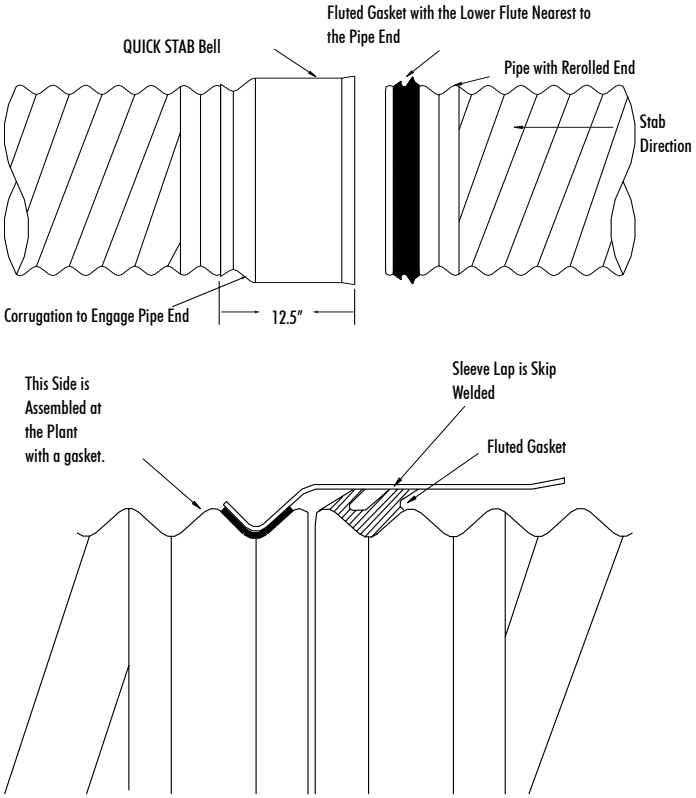
The spigot and bell ends must be cleaned of any dirt or debris prior to assembly. The fluted gasket shall be placed in the first corrugation with the lower flute nearest the end of the pipe. The bell & gasket shall be thoroughly lubed just before stabbing in the bell. Do not place hands, fingers, or any other body parts between bell and spigot during assembly. If it is necessary to pull the joint apart, the bell, spigot and gasket shall be inspected and cleaned of any dirt or debris prior to re-stabbing.

Corrugated Metal Pipe Bell and Spigot Joint Specification

The joints shall be of such design and the ends of the corrugated metal pipe sections so formed that the pipe can be laid together to make a continuous line of pipe. The joint shall be made from the same material as the pipe and shall prevent infiltration of the fill material.



Bell and Spigot Coupling System for CMP



The Bell and Spigot joint is available on ULTRA FLO and 2-2/3" x 1/2" corrugation in 15" through 60" diameter.

End Sections

Easily installed, easily maintained culvert end treatments for corrugated metal pipe, reinforced concrete pipe and HDPE Pipe

Contech End Sections provide a practical, economical and hydraulically superior method of finishing a variety of culvert materials.

The lightweight, flexible metal construction of Contech End Sections creates an attractive, durable and erosion-preventing treatment for all sizes of culvert inlets and outlets. They can be used with corrugated metal pipe having either annular or helical corrugations, and both reinforced concrete and plastic pipes. End sections can be salvaged when lengthening or relocating the culvert.

Standard End Sections are fabricated from pregalvanized steel. For added corrosion resistance, Aluminized Type II or Aluminum End Sections are available in smaller sizes. Special End Sections for multiple pipe installations may be available on a specific inquiry basis.

Better hydraulics

Flow characteristics are greatly improved by the exacting design of Contech End Sections. Scour and sedimentation conditions are improved, and headwater depth can be better controlled. Culverts aligned with the stream flow and finished with Contech End Sections generally require no additional hydraulic controls.

Improved appearance

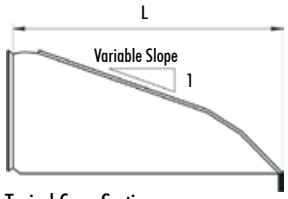
Contech End Sections blend well with the surroundings. The tapered sides of an End Section merge with slope design to improve roadside appearance. Unsightly weeds and debris collection at the culvert end are reduced.

Economical installation

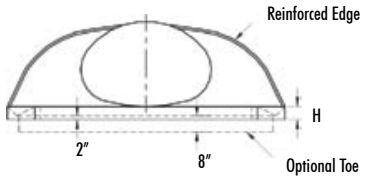
Lightweight equipment and simple crew instructions result in smooth and easy installation. Contech End Sections are easily joined to culvert barrels, forming a continuous, one-piece structure. For easiest installation, End Sections should be installed at the same time as the culvert. Installation is completed by tamping soil around the End Section.

Low maintenance

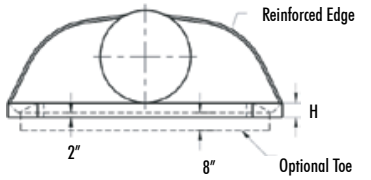
Contech End Sections reduce maintenance expense because their tapered design promotes easier mowing and snow removal. There is no obstruction to hamper weed cutting.



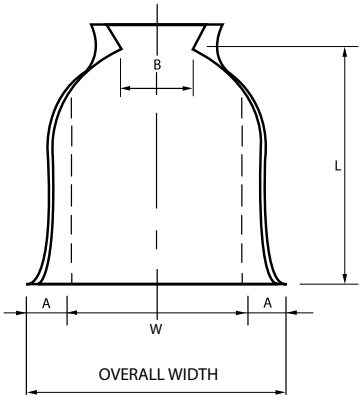
Typical Cross Section



Elevation



Elevation



Plan

Notes for all End Sections:

1. All three-piece bodies to have 12-gage sides and 10-gage center panels. Multiple panel bodies to have lap seams which are to be tightly joined by galvanized rivets or bolts.
2. For 60″ through 84″ sizes, reinforced edges are supplemented with stiffener angles. The angles are attached by galvanized nuts and bolts. For the 66″ and 72″ equivalent round pipe-arch sizes, reinforced edges are supplemented by angles. The angles are attached by galvanized nuts and bolts.
3. Angle reinforcements are placed under the center panel seams on the 66″ and 72″ equivalent round pipe-arch sizes.
4. Toe plate is available as an accessory, when specified on the order, and will be same gage as the End Section.
5. Stiffener angles, angle reinforcement, and toe plates are the same base metal as end section body.
6. **End sections with 6:1 and 4:1 slopes are available in 12″ through 24″ diameters.**
7. Actual dimensions may vary slightly.
8. During manufacturing, a slight invert slope may result along the length of the end section to be accommodated in the field.

End Sections for Round Pipe (2-2/3″ x 1/2″, 3″ x 1″ and 5″ x 1″)

		Approximate Dimensions, Inches [7]					
Pipe Diameter (Inches)	**Gage**	**A (+/- 1") (Inches)**	**B (Max) (Inches)**	**H (Min) (Inches)**	**L (+/-2") (Inches)**	**W (+/- 2") (Inches)**	**Overall Width (+/- 4") (Inches)**
12	16	6	6	6	21	24	36
15	16	7	8	6	26	30	44
18	16	8	10	6	31	36	52
21	16	9	12	6	36	42	60
24	16	10	13	6	41	48	68
30	14	12	16	8	51	60	84
36	14	14	19	9	60	72	100
42	12	16	22	11	69	84	116
48	12	18	27	12	78	90	126
54	12	18	30	12	84	102	138
60	12/10	18	33	12	87	114	150
66	12/10	18	36	12	87	120	156
72	12/10	18	39	12	87	126	162
78	12/10	18	42	12	87	132	168
84	12/10	18	45	12	87	138	174

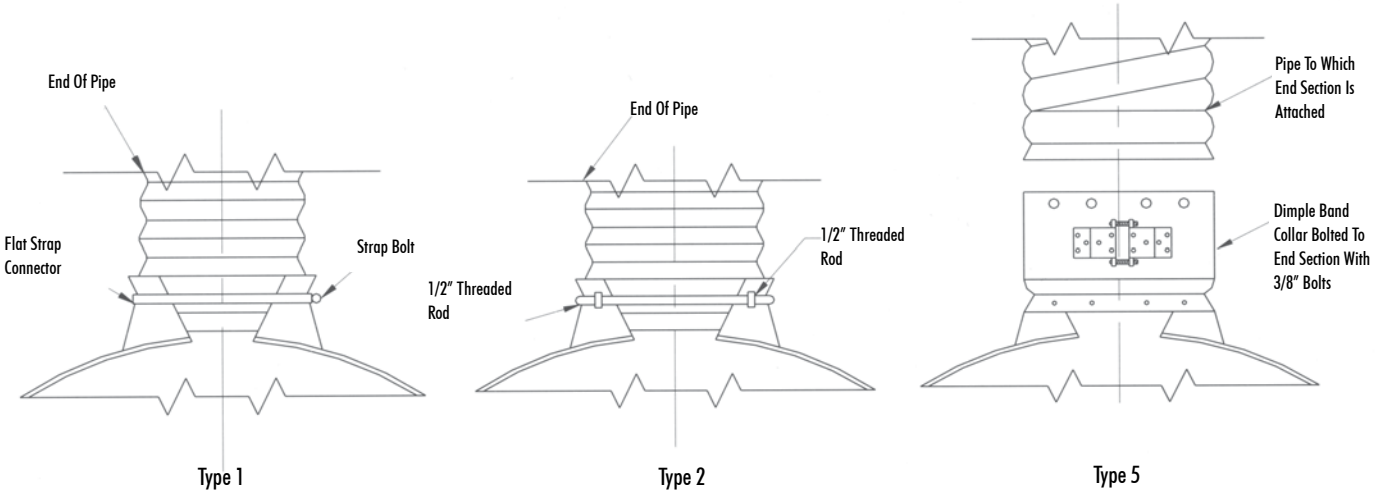
End Sections for Pipe-Arch (2-2/3″ x 1/2″)

			Approximate Dimensions, Inches [7]					
Span/Rise	**Equiv. Round (Inches)**	**Gage**	**A (+/- 1") (Inches)**	**B (Max) (Inches)**	**H (+/- 1") (Inches)**	**L (+/- 2") (Inches)**	**W (+/- 2″) (Inches)**	**Overall Width (+/- 4") (Inches)**
17″x13″	15	16	7	9	6	19	30	44
21″x15″	18	16	7	10	6	23	36	50
24″x18″	21	16	8	12	6	28	42	58
28″x20″	24	16	9	14	6	32	48	66
35″x24″	30	14	10	16	6	39	60	80
42″x29″	36	14	12	18	8	46	75	99
49″x33″	42	12	13	21	9	53	85	111
57″x38″	48	12	18	26	12	63	90	126
64″x43″	54	12	18	30	12	70	102	138
71″x47″	60	12/10	18	33	12	77	114	150
77″x52″	66	12/10	18	36	12	77	126	162
83″x57″	72	12/10	18	39	12	77	138	174

End Sections for Pipe-Arch (3″ x 1″ and 5″ x 1″)

			Approximate Dimensions, Inches [7]					
Span/Rise	**Equiv. Round (Inches)**	**Gage**	**A (+/- 1") (Inches)**	**B (Max) (Inches)**	**H (+/- 1") (Inches)**	**W (+/- 2") (Inches)**	**L (+/- 2") (Inches)**	**Overall Width (+/- 4") (Inches)**
53″x41″	48	12	18	25	12	90	63	126
60″x46″	54	12	18	34	12	102	70	138
66″x51″	60	12/10	18	33	12	116	77	152
73″x55″	66	12/10	18	36	12	126	77	162
81″x59″	72	12/10	18	39	12	138	77	174
87″x63″	78	12/10	20	38	12	148	77	188
95″x67″	84	12/10	20	34	12	162	87	202
103″X71″	90	12/10	20	38	12	174	87	214
112″x75″	96	12/10	20	40	12	174	87	214

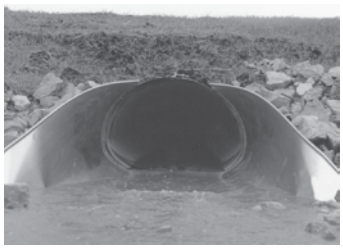
Contech End Sections attach to corrugated metal pipe, reinforced concrete and plastic pipe.



Note: *The Type 3 connection is not illustrated. This connection is a one-foot length of pipe attached to the end section.*



End Section on Round CSP



End Sections are available for CSP Pipe-Arch



Contech End Sections are often used on concrete pipe. They can be used on both the bell and spigot end.



Low-slope End Sections—Contech manufactures 4:1 and 6:1 low-slope End Sections for corrugated metal pipe. This photo shows the optional field-attached safety bars.

Contech Engineered Solutions LLC is a leading provider of site solution products and services for the civil engineering industry. Contech's product portfolio includes bridges, drainage, retaining walls, sanitary sewer, stormwater, erosion control, soil stabilization and wastewater products.

For more information, call one of Contech's Regional Offices located in the following cities:

Ohio (Corporate Office) 513-645-7000
Colorado (Denver) 720-587-2700
Florida (Orlando) 321-348-3520
Maine (Scarborough) 207-885-9830
Maryland (Baltimore) 410-740-8490
Oregon (Portland) 503-258-3180
Texas (Dallas) 972-590-2000

Visit our web site: www.ContechES.com
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CONTECH® ENGINEERED SOLUTIONS

BRO-CMP-DESIGN 8/14 3M PDF

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CALIFORNIA CURB SHELF BASKET WATER CLEANSING SYSTEM
SAN DIEGO REGIONAL STANDARD CURB INLET

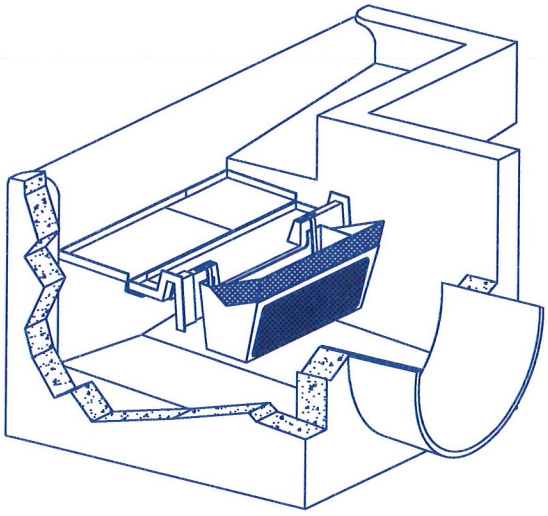


FIGURE 1
DETAIL OF PARTS

WIDTH OF INLET WILL VARY

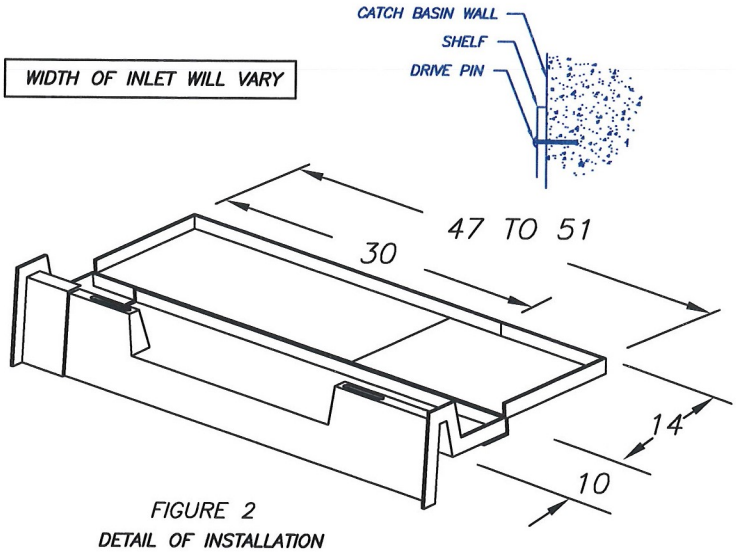


FIGURE 2
DETAIL OF INSTALLATION

REMOVABLE BASKET CATCHES EVERYTHING AND MAY BE REMOVED THROUGH MANHOLE WITHOUT ENTRY.

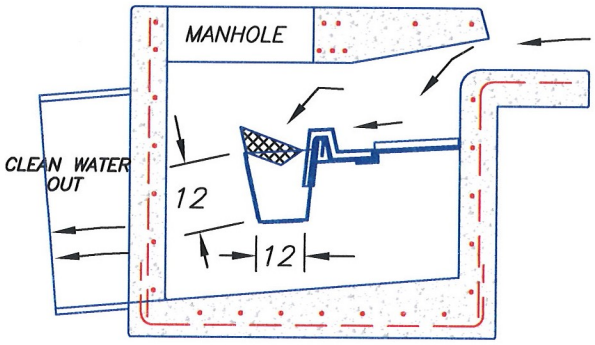


FIGURE 3
DETAIL OF PROCESS

FLOW RATES per 3 FT. Basket				
$Q=SO*c_d*A\sqrt{2*g*h}$ c_d = Coefficient of Discharge = .67				
	SO	$A(ft^2)$	h (ft)	Q $(\frac{ft^3}{s})$
Coarse Screen	.62	.84	0.146	1.06
Med Screen	.56	1.36	0.75	3.53
Fine Screen	.68	1.02	1.167	4.01
TOTAL				8.6

The above flow rates are based on unobstructed screens.

NOTES:

1. SHELF SYSTEM PROVIDES FOR ENTIRE COVERAGE OF INLET OPENING SO TO DIVERT ALL FLOW TO BASKET.
2. SHELF SYSTEM MANUFACTURED FROM MARINE GRADE FIBERGLASS, GEL COATED FOR UV PROTECTION.
3. SHELF SYSTEM ATTACHED TO THE CATCH BASIN WITH NON-CORROSIVE HARDWARE.
4. FILTRATION BASKET STRUCTURE MANUFACTURED OF MARINE GRADE FIBERGLASS, GEL COATED FOR UV PROTECTION.
5. FILTRATION BASKET FINE SCREEN AND COARSE CONTAINMENT SCREEN MANUFACTURED FROM STAINLESS STEEL.
6. FILTRATION BASKET HOLDS BOOM OF ABSORBENT MEDIA TO CAPTURE HYDROCARBONS. BOOM IS EASILY REPLACED WITHOUT REMOVING MOUNTING HARDWARE.
7. FILTRATION BASKET LOCATION IS DIRECTLY UNDER MANHOLE FOR EASY MAINTENANCE.

BOX MANUFACTURED FROM MARINE GRADE FIBERGLASS & GEL COATED FOR UV PROTECTION

5 YEAR MANUFACTURERS WARRANTY

PATENTED

ALL FILTER SCREENS ARE STAINLESS STEEL

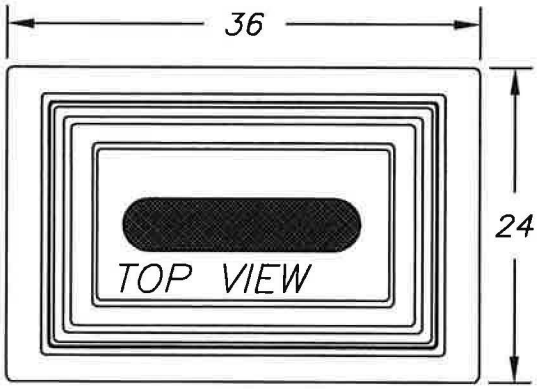
EXCLUSIVE CALIFORNIA DISTRIBUTOR:
BIO CLEAN ENVIRONMENTAL SERVICE

TEL. 760-433-7640 FAX:760-433-3176
Email: info@biocleanenvironmental.net

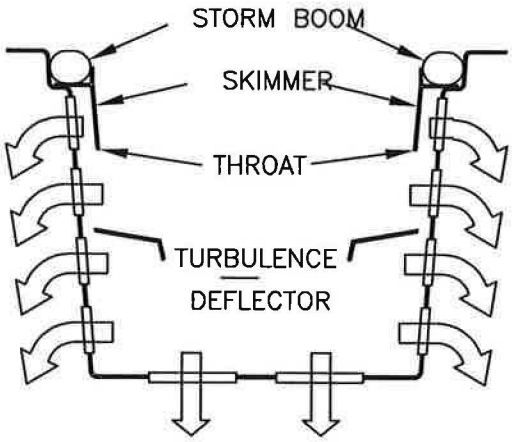
SUNTREE QUALITY PRODUCTS ARE BUILT FOR EASY CLEANING AND ARE DESIGNED TO BE PERMANENT INFRASTRUCTURE AND SHOULD LAST FOR DECADES.

CURB INLET BASKET SYSTEM		PROJECT:
DATE: 04/12/04	SCALE: SF = 15	REVISIONS: / DATE:
DRAFTER: N.R.B.	UNITS = INCHES	REVISIONS: / DATE:
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Part # GISB-J-24-36-24



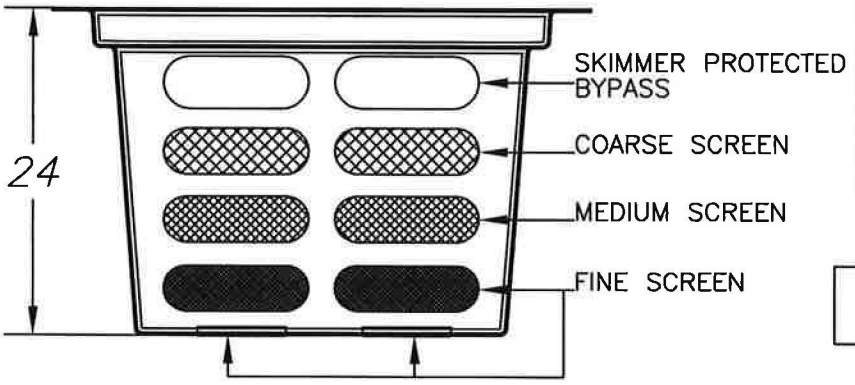
FLOW SCHEMATIC

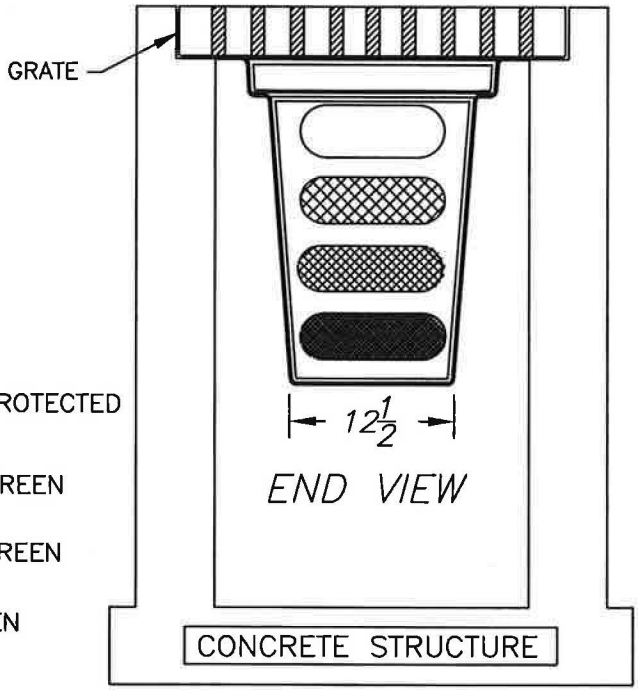


SIDE VIEW

Flow Specifications

Description of filter opening	Percent Open (Based on Screen Dimensions)	Total Square Inches per Unit	Square Inches of Total Unobstructed Openings	Flow Rate (Cubic Feet per Second)
Skimmer protected By-Pass	100%	243.4	243.4	10.0 cfs
Coarse Screen 3/4" x 1-3/4" stainless steel flattened expanded	62%	215.2	133.4	6.4 cfs
Medium Screen 10x10 mesh stainless steel	56%	215.2	120.5	6.5cfs
Fine screen 14 x 18 mesh stainless steel	68%	283.8	193.1	11.6 cfs
THROAT FLOW RATE Total: 12.0 cfs			TREATED FLOW RATE Total: 24.5	
FLOW RATES BASED ON UNOBSTRUCTED OPENINGS				





BOX MANUFACTURED FROM MARINE GRADE FIBERGLASS & GEL COATED FOR UV PROTECTION

5 YEAR MANUFACTURERS WARRANTY

PATENTED

ALL FILTER SCREENS ARE STAINLESS STEEL

MOUNT TO WALL BELOW GRATE WITH MOUNTING KIT CONSISTING OF ALUMINUM ANGLES, TAPCONS, AND DRILL BITS

MOUNTING KIT SOLD SEPARATELY

EXCLUSIVE CALIFORNIA DISTRIBUTOR:
BIO CLEAN ENVIRONMENTAL SERVICE
P.O. BOX 869, OCEANSIDE, CA. 92049
TEL. 760-433-7640 FAX:760-433-3176
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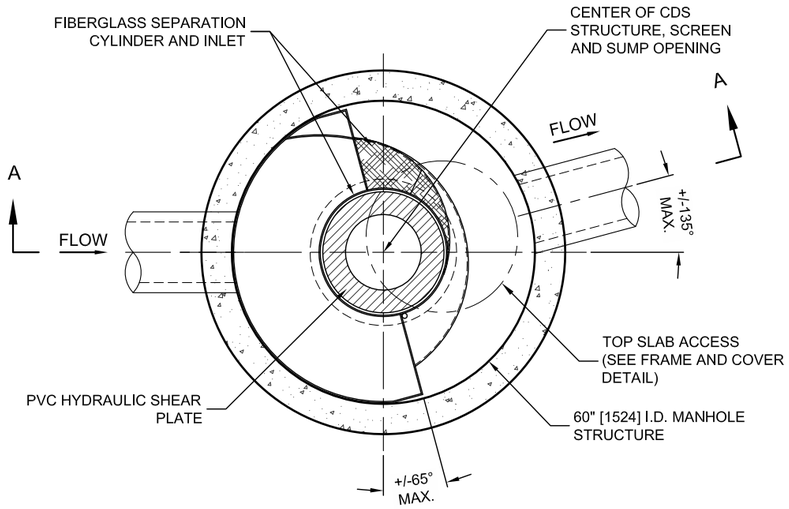
SUNTREE TECHNOLOGIES
798 CLEARLAKE RD. SUITE #2
COCOA FL. 32922
TEL. 321-637-7552 FAX 321-637-7554

GRATE INLET SKIMMER BOX FOR FLORIDA DOT TYPE J INLET STRUCTURES.

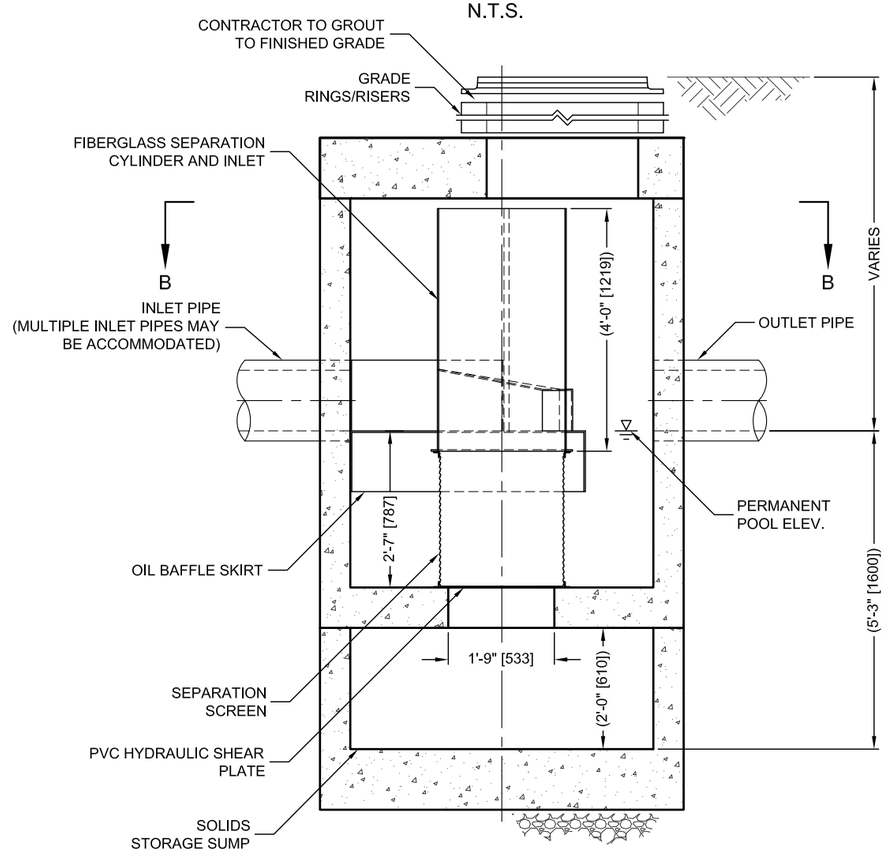
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PLAN VIEW B-B
N.T.S.



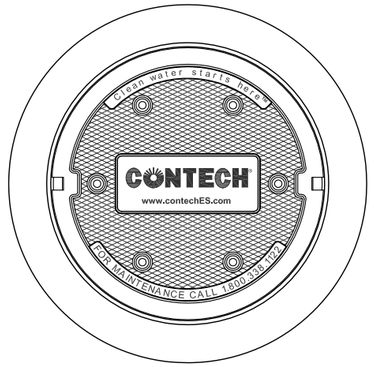
ELEVATION A-A
N.T.S.

THIS PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,788,848; 6,641,720; 6,511,595; 6,581,782; RELATED FOREIGN PATENTS, OR OTHER PATENTS PENDING.

CDS2020-5-C DESIGN NOTES

THE STANDARD CDS2020-5-C CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION
GRATED INLET ONLY (NO INLET PIPE)
GRATED INLET WITH INLET PIPE OR PIPES
CURB INLET ONLY (NO INLET PIPE)
CURB INLET WITH INLET PIPE OR PIPES
SEPARATE OIL BAFFLE (SINGLE INLET PIPE REQUIRED FOR THIS CONFIGURATION)
SEDIMENT WEIR FOR NJDEP / NJCAT CONFORMING UNITS



FRAME AND COVER
(DIAMETER VARIES)
N.T.S.

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	CDS#1
WATER QUALITY FLOW RATE (CFS OR L/s)	0.78
PEAK FLOW RATE (CFS OR L/s)	11.33
RETURN PERIOD OF PEAK FLOW (YRS)	100
SCREEN APERTURE (2400 OR 4700)	2400

PIPE DATA:	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	1082.48	HDPE	24"
INLET PIPE 2	-	-	-
OUTLET PIPE	1082.44	HDPE	24"

RIM ELEVATION	1097.54

ANTI-FLOTATION BALLAST	WIDTH	HEIGHT
	*	*

NOTES/SPECIAL REQUIREMENTS:

* PER ENGINEER OF RECORD

GENERAL NOTES
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
3. FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.contechES.com
4. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
5. STRUCTURE SHALL MEET AASHTO HS20 AND CASTINGS SHALL MEET HS20 (AASHTO M 306) LOAD RATING, ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
6. PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

INSTALLATION NOTES
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
C. CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

CONTECH® ENGINEERED SOLUTIONS LLC
www.contechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

CDS2020-5-C
INLINE CDS
STANDARD DETAIL

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Attachment C
Educational Materials

Outdoor Loading/Unloading SC-30



Objectives

- Cover
- Contain
- Educate
- Reduce/Minimize
- Product Substitution

Description

The loading/unloading of materials usually takes place outside on docks or terminals; therefore, materials spilled, leaked, or lost during loading/unloading may collect in the soil or on other surfaces and have the potential to be carried away by stormwater runoff or when the area is cleaned. Additionally, rainfall may wash pollutants from machinery used to unload or move materials. Implementation of the following protocols will prevent or reduce the discharge of pollutants to stormwater from outdoor loading/unloading of materials.

Targeted Constituents

Sediment	✓
Nutrients	✓
Trash	
Metals	✓
Bacteria	
Oil and Grease	✓
Organics	✓

Approach

Reduce potential for pollutant discharge through source control pollution prevention and BMP implementation. Successful implementation depends on effective training of employees on applicable BMPs and general pollution prevention strategies and objectives.

Pollution Prevention

- Keep accurate maintenance logs to evaluate materials removed and improvements made.
- Park tank trucks or delivery vehicles in designated areas so that spills or leaks can be contained.
- Limit exposure of material to rainfall whenever possible.
- Prevent stormwater run-on.
- Check equipment regularly for leaks.

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Suggested Protocols

Loading and Unloading – General Guidelines

- Develop an operations plan that describes procedures for loading and/or unloading.
- Conduct loading and unloading in dry weather if possible.
- Cover designated loading/unloading areas to reduce exposure of materials to rain.
- Consider placing a seal or door skirt between delivery vehicles and building to prevent exposure to rain.
- Design loading/unloading area to prevent stormwater run-on, which would include grading or berming the area, and position roof downspouts so they direct stormwater away from the loading/unloading areas.
- Have employees load and unload all materials and equipment in covered areas such as building overhangs at loading docks if feasible.
- Load/unload only at designated loading areas.
- Use drip pans underneath hose and pipe connections and other leak-prone spots during liquid transfer operations, and when making and breaking connections. Several drip pans should be stored in a covered location near the liquid transfer area so that they are always available, yet protected from precipitation when not in use. Drip pans can be made specifically for railroad tracks. Drip pans must be cleaned periodically, and drip collected materials must be disposed of properly.
- Pave loading areas with concrete instead of asphalt.
- Avoid placing storm drains in the area.
- Grade and/or berm the loading/unloading area to a drain that is connected to a deadend.

Inspection

- Check loading and unloading equipment regularly for leaks, including valves, pumps, flanges and connections.
- Look for dust or fumes during loading or unloading operations.

Training

- Train employees (e.g., fork lift operators) and contractors on proper spill containment and cleanup.
- Have employees trained in spill containment and cleanup present during loading/unloading.
- Train employees in proper handling techniques during liquid transfers to avoid spills.
- Make sure forklift operators are properly trained on loading and unloading procedures.

Spill Response and Prevention

- Keep your Spill Prevention Control and Countermeasure (SPCC) Plan up-to-date.
- Contain leaks during transfer.
- Store and maintain appropriate spill cleanup materials in a location that is readily accessible and known to all and ensure that employees are familiar with the site's spill control plan and proper spill cleanup procedures.
- Have an emergency spill cleanup plan readily available.
- Use drip pans or comparable devices when transferring oils, solvents, and paints.

Other Considerations (Limitations and Regulations)

- Space and time limitations may preclude all transfers from being performed indoors or under cover.
- It may not be possible to conduct transfers only during dry weather.

Requirements

Costs

Costs should be low except when covering a large loading/unloading area.

Maintenance

- Conduct regular inspections and make repairs as necessary. The frequency of repairs will depend on the age of the facility.
- Check loading and unloading equipment regularly for leaks.
- Conduct regular broom dry-sweeping of area.

Supplemental Information

Further Detail of the BMP

Special Circumstances for Indoor Loading/Unloading of Materials

Loading or unloading of liquids should occur in the manufacturing building so that any spills that are not completely retained can be discharged to the sanitary sewer, treatment plant, or treated in a manner consistent with local sewer authorities and permit requirements.

- For loading and unloading tank trucks to above and below ground storage tanks, the following procedures should be used:
  - The area where the transfer takes place should be paved. If the liquid is reactive with the asphalt, Portland cement should be used to pave the area.
  - The transfer area should be designed to prevent run-on of stormwater from adjacent areas. Sloping the pad and using a curb, like a speed bump, around the uphill side of the transfer area should reduce run-on.

- The transfer area should be designed to prevent runoff of spilled liquids from the area. Sloping the area to a drain should prevent runoff. The drain should be connected to a dead-end sump or to the sanitary sewer. A positive control valve should be installed on the drain.

- For transfer from rail cars to storage tanks that must occur outside, use the following procedures:

  - Drip pans should be placed at locations where spillage may occur, such as hose connections, hose reels, and filler nozzles. Use drip pans when making and breaking connections.

  - Drip pan systems should be installed between the rails to collect spillage from tank cars.

References and Resources

California's Nonpoint Source Program Plan http://www.swrcb.ca.gov/nps/index.html

Clark County Storm Water Pollution Control Manual
http://www.co.clark.wa.us/pubworks/bmpman.pdf

King County Storm Water Pollution Control Manual http://dnr.metrokc.gov/wlr/dss/spcm.htm

Santa Clara Valley Urban Runoff Pollution Prevention Program http://www.scvurppp.org

The Storm Water Managers Resource Center http://www.stormwatercenter.net/

Building & Grounds Maintenance SC-41



Objectives

- Cover
- Contain
- Educate
- Reduce/Minimize
- Product Substitution

Targeted Constituents

Sediment	✓
Nutrients	✓
Trash	
Metals	✓
Bacteria	✓
Oil and Grease	
Organics	

Description

Stormwater runoff from building and grounds maintenance activities can be contaminated with toxic hydrocarbons in solvents, fertilizers and pesticides, suspended solids, heavy metals, abnormal pH, and oils and greases. Utilizing the protocols in this fact sheet will prevent or reduce the discharge of pollutants to stormwater from building and grounds maintenance activities by washing and cleaning up with as little water as possible, following good landscape management practices, preventing and cleaning up spills immediately, keeping debris from entering the storm drains, and maintaining the stormwater collection system.

Approach

Reduce potential for pollutant discharge through source control pollution prevention and BMP implementation. Successful implementation depends on effective training of employees on applicable BMPs and general pollution prevention strategies and objectives.

Pollution Prevention

- Switch to non-toxic chemicals for maintenance when possible.
- Choose cleaning agents that can be recycled.
- Encourage proper lawn management and landscaping, including use of native vegetation.

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- Encourage use of Integrated Pest Management techniques for pest control.
- Encourage proper onsite recycling of yard trimmings.
- Recycle residual paints, solvents, lumber, and other material as much as possible.

Suggested Protocols

Pressure Washing of Buildings, Rooftops, and Other Large Objects

- In situations where soaps or detergents are used and the surrounding area is paved, pressure washers must use a water collection device that enables collection of wash water and associated solids. A sump pump, wet vacuum or similarly effective device must be used to collect the runoff and loose materials. The collected runoff and solids must be disposed of properly.
- If soaps or detergents are not used, and the surrounding area is paved, wash runoff does not have to be collected but must be screened. Pressure washers must use filter fabric or some other type of screen on the ground and/or in the catch basin to trap the particles in wash water runoff.
- If you are pressure washing on a grassed area (with or without soap), runoff must be dispersed as sheet flow as much as possible, rather than as a concentrated stream. The wash runoff must remain on the grass and not drain to pavement.

Landscaping Activities

- Dispose of grass clippings, leaves, sticks, or other collected vegetation as garbage, or by composting. Do not dispose of collected vegetation into waterways or storm drainage systems.
- Use mulch or other erosion control measures on exposed soils.

Building Repair, Remodeling, and Construction

- Do not dump any toxic substance or liquid waste on the pavement, the ground, or toward a storm drain.
- Use ground or drop cloths underneath outdoor painting, scraping, and sandblasting work, and properly dispose of collected material daily.
- Use a ground cloth or oversized tub for activities such as paint mixing and tool cleaning.
- Clean paintbrushes and tools covered with water-based paints in sinks connected to sanitary sewers or in portable containers that can be dumped into a sanitary sewer drain. Brushes and tools covered with non-water-based paints, finishes, or other materials must be cleaned in a manner that enables collection of used solvents (e.g., paint thinner, turpentine, etc.) for recycling or proper disposal.
- Use a storm drain cover, filter fabric, or similarly effective runoff control mechanism if dust, grit, wash water, or other pollutants may escape the work area and enter a catch basin. This is particularly necessary on rainy days. The containment device(s) must be in place at the beginning of the work day, and accumulated dirty runoff and solids must be collected and disposed of before removing the containment device(s) at the end of the work day.

- If you need to de-water an excavation site, you may need to filter the water before discharging to a catch basin or off-site. If directed off-site, you should direct the water through hay bales and filter fabric or use other sediment filters or traps.
- Store toxic material under cover during precipitation events and when not in use. A cover would include tarps or other temporary cover material.

Mowing, Trimming, and Planting

- Dispose of leaves, sticks, or other collected vegetation as garbage, by composting or at a permitted landfill. Do not dispose of collected vegetation into waterways or storm drainage systems.
- Use mulch or other erosion control measures when soils are exposed.
- Place temporarily stockpiled material away from watercourses and drain inlets, and berm or cover stockpiles to prevent material releases to the storm drain system.
- Consider an alternative approach when bailing out muddy water: do not put it in the storm drain; pour over landscaped areas.
- Use hand weeding where practical.

Fertilizer and Pesticide Management

- Follow all federal, state, and local laws and regulations governing the use, storage, and disposal of fertilizers and pesticides and training of applicators and pest control advisors.
- Use less toxic pesticides that will do the job when applicable. Avoid use of copper-based pesticides if possible.
- Do not use pesticides if rain is expected.
- Do not mix or prepare pesticides for application near storm drains.
- Use the minimum amount needed for the job.
- Calibrate fertilizer distributors to avoid excessive application.
- Employ techniques to minimize off-target application (e.g., spray drift) of pesticides, including consideration of alternative application techniques.
- Apply pesticides only when wind speeds are low.
- Fertilizers should be worked into the soil rather than dumped or broadcast onto the surface.
- Irrigate slowly to prevent runoff and then only as much as is needed.
- Clean pavement and sidewalk if fertilizer is spilled on these surfaces before applying irrigation water.
- Dispose of empty pesticide containers according to the instructions on the container label.

- Use up the pesticides. Rinse containers, and use rinse water as product. Dispose of unused pesticide as hazardous waste.
- Implement storage requirements for pesticide products with guidance from the local fire department and County Agricultural Commissioner. Provide secondary containment for pesticides.

Inspection

- Inspect irrigation system periodically to ensure that the right amount of water is being applied and that excessive runoff is not occurring. Minimize excess watering and repair leaks in the irrigation system as soon as they are observed.

Training

- Educate and train employees on pesticide use and in pesticide application techniques to prevent pollution.
- Train employees and contractors in proper techniques for spill containment and cleanup.
- Be sure the frequency of training takes into account the complexity of the operations and the nature of the staff.

Spill Response and Prevention

- Keep your Spill Prevention Control and Countermeasure (SPCC) Plan up-to-date.
- Place a stockpile of spill cleanup materials, such as brooms, dustpans, and vacuum sweepers (if desired) near the storage area where it will be readily accessible.
- Have employees trained in spill containment and cleanup present during the loading/unloading of dangerous wastes, liquid chemicals, or other materials.
- Familiarize employees with the Spill Prevention Control and Countermeasure Plan.
- Clean up spills immediately.

Other Considerations

Alternative pest/weed controls may not be available, suitable, or effective in many cases.

Requirements

Costs

- Cost will vary depending on the type and size of facility.
- Overall costs should be low in comparison to other BMPs.

Maintenance

Sweep paved areas regularly to collect loose particles. Wipe up spills with rags and other absorbent material immediately, do not hose down the area to a storm drain.

Supplemental Information

Further Detail of the BMP

Fire Sprinkler Line Flushing

Building fire sprinkler line flushing may be a source of non-stormwater runoff pollution. The water entering the system is usually potable water, though in some areas it may be non-potable reclaimed wastewater. There are subsequent factors that may drastically reduce the quality of the water in such systems. Black iron pipe is usually used since it is cheaper than potable piping, but it is subject to rusting and results in lower quality water. Initially, the black iron pipe has an oil coating to protect it from rusting between manufacture and installation; this will contaminate the water from the first flush but not from subsequent flushes. Nitrates, poly-phosphates and other corrosion inhibitors, as well as fire suppressants and antifreeze may be added to the sprinkler water system. Water generally remains in the sprinkler system a long time (typically a year) and between flushes may accumulate iron, manganese, lead, copper, nickel, and zinc. The water generally becomes anoxic and contains living and dead bacteria and breakdown products from chlorination. This may result in a significant BOD problem and the water often smells. Consequently dispose fire sprinkler line flush water into the sanitary sewer. Do not allow discharge to storm drain or infiltration due to potential high levels of pollutants in fire sprinkler line water.

References and Resources

California's Nonpoint Source Program Plan http://www.swrcb.ca.gov/nps/index.html

Clark County Storm Water Pollution Control Manual
http://www.co.clark.wa.us/pubworks/bmpman.pdf

King County Storm Water Pollution Control Manual http://dnr.metrokc.gov/wlr/dss/spcm.htm

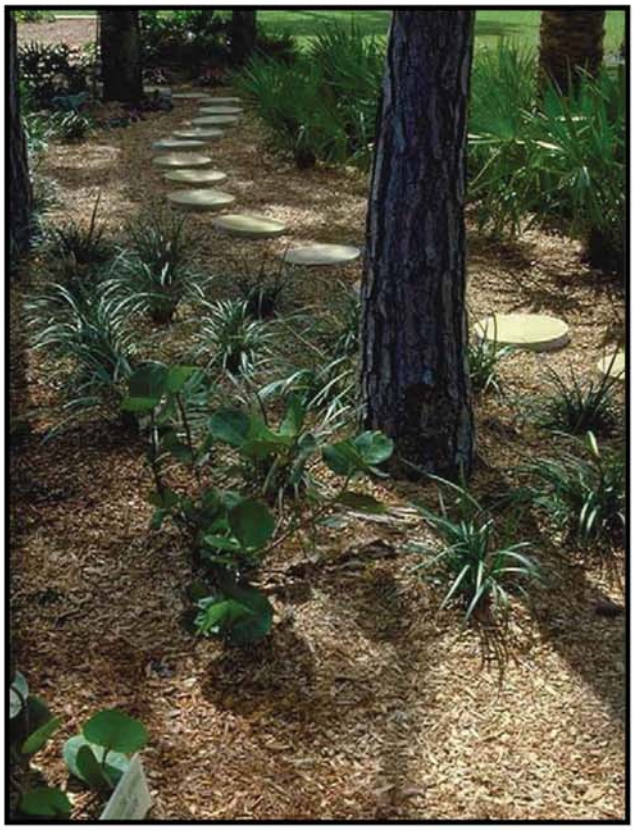
Mobile Cleaners Pilot Program: Final Report. 1997. Bay Area Stormwater Management Agencies Association (BASMAA). http://www.basmaa.org/

Pollution from Surface Cleaning Folder. 1996. Bay Area Stormwater Management Agencies Association (BASMAA). http://www.basmaa.org/

Santa Clara Valley Urban Runoff Pollution Prevention Program http://www.scvurppp.org

The Storm Water Managers Resource Center http://www.stormwatercenter.net/

Site Design & Landscape Planning SD-10



Design Objectives

- ☑ Maximize Infiltration
- ☑ Provide Retention
- ☑ Slow Runoff
- ☑ Minimize Impervious Land Coverage
- Prohibit Dumping of Improper Materials
- Contain Pollutants
- Collect and Convey

Description

Each project site possesses unique topographic, hydrologic, and vegetative features, some of which are more suitable for development than others. Integrating and incorporating appropriate landscape planning methodologies into the project design is the most effective action that can be done to minimize surface and groundwater contamination from stormwater.

Approach

Landscape planning should couple consideration of land suitability for urban uses with consideration of community goals and projected growth. Project plan designs should conserve natural areas to the extent possible, maximize natural water storage and infiltration opportunities, and protect slopes and channels.

Suitable Applications

Appropriate applications include residential, commercial and industrial areas planned for development or redevelopment.

Design Considerations

Design requirements for site design and landscapes planning should conform to applicable standards and specifications of agencies with jurisdiction and be consistent with applicable General Plan and Local Area Plan policies.

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Designing New Installations

Begin the development of a plan for the landscape unit with attention to the following general principles:

- Formulate the plan on the basis of clearly articulated community goals. Carefully identify conflicts and choices between retaining and protecting desired resources and community growth.

- Map and assess land suitability for urban uses. Include the following landscape features in the assessment: wooded land, open unwooded land, steep slopes, erosion-prone soils, foundation suitability, soil suitability for waste disposal, aquifers, aquifer recharge areas, wetlands, floodplains, surface waters, agricultural lands, and various categories of urban land use. When appropriate, the assessment can highlight outstanding local or regional resources that the community determines should be protected (e.g., a scenic area, recreational area, threatened species habitat, farmland, fish run). Mapping and assessment should recognize not only these resources but also additional areas needed for their sustenance.

Project plan designs should conserve natural areas to the extent possible, maximize natural water storage and infiltration opportunities, and protect slopes and channels.

Conserve Natural Areas during Landscape Planning

If applicable, the following items are required and must be implemented in the site layout during the subdivision design and approval process, consistent with applicable General Plan and Local Area Plan policies:

- Cluster development on least-sensitive portions of a site while leaving the remaining land in a natural undisturbed condition.

- Limit clearing and grading of native vegetation at a site to the minimum amount needed to build lots, allow access, and provide fire protection.

- Maximize trees and other vegetation at each site by planting additional vegetation, clustering tree areas, and promoting the use of native and/or drought tolerant plants.

- Promote natural vegetation by using parking lot islands and other landscaped areas.

- Preserve riparian areas and wetlands.

Maximize Natural Water Storage and Infiltration Opportunities Within the Landscape Unit

- Promote the conservation of forest cover. Building on land that is already deforested affects basin hydrology to a lesser extent than converting forested land. Loss of forest cover reduces interception storage, detention in the organic forest floor layer, and water losses by evapotranspiration, resulting in large peak runoff increases and either their negative effects or the expense of countering them with structural solutions.

- Maintain natural storage reservoirs and drainage corridors, including depressions, areas of permeable soils, swales, and intermittent streams. Develop and implement policies and

regulations to discourage the clearing, filling, and channelization of these features. Utilize them in drainage networks in preference to pipes, culverts, and engineered ditches.

- Evaluating infiltration opportunities by referring to the stormwater management manual for the jurisdiction and pay particular attention to the selection criteria for avoiding groundwater contamination, poor soils, and hydrogeological conditions that cause these facilities to fail. If necessary, locate developments with large amounts of impervious surfaces or a potential to produce relatively contaminated runoff away from groundwater recharge areas.

Protection of Slopes and Channels during Landscape Design

- Convey runoff safely from the tops of slopes.
- Avoid disturbing steep or unstable slopes.
- Avoid disturbing natural channels.
- Stabilize disturbed slopes as quickly as possible.
- Vegetate slopes with native or drought tolerant vegetation.
- Control and treat flows in landscaping and/or other controls prior to reaching existing natural drainage systems.
- Stabilize temporary and permanent channel crossings as quickly as possible, and ensure that increases in run-off velocity and frequency caused by the project do not erode the channel.
- Install energy dissipaters, such as riprap, at the outlets of new storm drains, culverts, conduits, or channels that enter unlined channels in accordance with applicable specifications to minimize erosion. Energy dissipaters shall be installed in such a way as to minimize impacts to receiving waters.
- Line on-site conveyance channels where appropriate, to reduce erosion caused by increased flow velocity due to increases in tributary impervious area. The first choice for linings should be grass or some other vegetative surface, since these materials not only reduce runoff velocities, but also provide water quality benefits from filtration and infiltration. If velocities in the channel are high enough to erode grass or other vegetative linings, riprap, concrete, soil cement, or geo-grid stabilization are other alternatives.
- Consider other design principles that are comparable and equally effective.

Redeveloping Existing Installations

Various jurisdictional stormwater management and mitigation plans (SUSMP, WQMP, etc.) define "redevelopment" in terms of amounts of additional impervious area, increases in gross floor area and/or exterior construction, and land disturbing activities with structural or impervious surfaces. The definition of " redevelopment" must be consulted to determine whether or not the requirements for new development apply to areas intended for redevelopment. If the definition applies, the steps outlined under "designing new installations" above should be followed.

Redevelopment may present significant opportunity to add features which had not previously been implemented. Examples include incorporation of depressions, areas of permeable soils, and swales in newly redeveloped areas. While some site constraints may exist due to the status of already existing infrastructure, opportunities should not be missed to maximize infiltration, slow runoff, reduce impervious areas, disconnect directly connected impervious areas.

Other Resources

A Manual for the Standard Urban Stormwater Mitigation Plan (SUSMP), Los Angeles County Department of Public Works, May 2002.

Stormwater Management Manual for Western Washington, Washington State Department of Ecology, August 2001.

Model Standard Urban Storm Water Mitigation Plan (SUSMP) for San Diego County, Port of San Diego, and Cities in San Diego County, February 14, 2002.

Model Water Quality Management Plan (WQMP) for County of Orange, Orange County Flood Control District, and the Incorporated Cities of Orange County, Draft February 2003.

Ventura Countywide Technical Guidance Manual for Stormwater Quality Control Measures, July 2002.

Roof Runoff Controls SD-11



Rain Garden

Design Objectives

- ☑ Maximize Infiltration
- ☑ Provide Retention
- ☑ Slow Runoff
- Minimize Impervious Land Coverage
- Prohibit Dumping of Improper Materials
- ☑ Contain Pollutants
- Collect and Convey

Description

Various roof runoff controls are available to address stormwater that drains off rooftops. The objective is to reduce the total volume and rate of runoff from individual lots, and retain the pollutants on site that may be picked up from roofing materials and atmospheric deposition. Roof runoff controls consist of directing the roof runoff away from paved areas and mitigating flow to the storm drain system through one of several general approaches: cisterns or rain barrels; dry wells or infiltration trenches; pop-up emitters, and foundation planting. The first three approaches require the roof runoff to be contained in a gutter and downspout system. Foundation planting provides a vegetated strip under the drip line of the roof.

Approach

Design of individual lots for single-family homes as well as lots for higher density residential and commercial structures should consider site design provisions for containing and infiltrating roof runoff or directing roof runoff to vegetative swales or buffer areas. Retained water can be reused for watering gardens, lawns, and trees. Benefits to the environment include reduced demand for potable water used for irrigation, improved stormwater quality, increased groundwater recharge, decreased runoff volume and peak flows, and decreased flooding potential.

Suitable Applications

Appropriate applications include residential, commercial and industrial areas planned for development or redevelopment.

Design Considerations

Designing New Installations

Cisterns or Rain Barrels

One method of addressing roof runoff is to direct roof downspouts to cisterns or rain barrels. A cistern is an above ground storage vessel with either a manually operated valve or a permanently open outlet. Roof runoff is temporarily stored and then released for irrigation or infiltration between storms. The number of rain

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barrels needed is a function of the rooftop area. Some low impact developers recommend that every house have at least 2 rain barrels, with a minimum storage capacity of 1000 liters. Roof barrels serve several purposes including mitigating the first flush from the roof which has a high volume, amount of contaminants, and thermal load. Several types of rain barrels are commercially available. Consideration must be given to selecting rain barrels that are vector proof and childproof. In addition, some barrels are designed with a bypass valve that filters out grit and other contaminants and routes overflow to a soak-away pit or rain garden.

If the cistern has an operable valve, the valve can be closed to store stormwater for irrigation or infiltration between storms. This system requires continual monitoring by the resident or grounds crews, but provides greater flexibility in water storage and metering. If a cistern is provided with an operable valve and water is stored inside for long periods, the cistern must be covered to prevent mosquitoes from breeding.

A cistern system with a permanently open outlet can also provide for metering stormwater runoff. If the cistern outlet is significantly smaller than the size of the downspout inlet (say ¼ to ½ inch diameter), runoff will build up inside the cistern during storms, and will empty out slowly after peak intensities subside. This is a feasible way to mitigate the peak flow increases caused by rooftop impervious land coverage, especially for the frequent, small storms.

Dry wells and Infiltration Trenches

Roof downspouts can be directed to dry wells or infiltration trenches. A dry well is constructed by excavating a hole in the ground and filling it with an open graded aggregate, and allowing the water to fill the dry well and infiltrate after the storm event. An underground connection from the downspout conveys water into the dry well, allowing it to be stored in the voids. To minimize sedimentation from lateral soil movement, the sides and top of the stone storage matrix can be wrapped in a permeable filter fabric, though the bottom may remain open. A perforated observation pipe can be inserted vertically into the dry well to allow for inspection and maintenance.

In practice, dry wells receiving runoff from single roof downspouts have been successful over long periods because they contain very little sediment. They must be sized according to the amount of rooftop runoff received, but are typically 4 to 5 feet square, and 2 to 3 feet deep, with a minimum of 1-foot soil cover over the top (maximum depth of 10 feet).

To protect the foundation, dry wells must be set away from the building at least 10 feet. They must be installed in solids that accommodate infiltration. In poorly drained soils, dry wells have very limited feasibility.

Infiltration trenches function in a similar manner and would be particularly effective for larger roof areas. An infiltration trench is a long, narrow, rock-filled trench with no outlet that receives stormwater runoff. These are described under Treatment Controls.

Pop-up Drainage Emitter

Roof downspouts can be directed to an underground pipe that daylights some distance from the building foundation, releasing the roof runoff through a pop-up emitter. Similar to a pop-up irrigation head, the emitter only opens when there is flow from the roof. The emitter remains flush to the ground during dry periods, for ease of lawn or landscape maintenance.

Foundation Planting

Landscape planting can be provided around the base to allow increased opportunities for stormwater infiltration and protect the soil from erosion caused by concentrated sheet flow coming off the roof. Foundation plantings can reduce the physical impact of water on the soil and provide a subsurface matrix of roots that encourage infiltration. These plantings must be sturdy enough to tolerate the heavy runoff sheet flows, and periodic soil saturation.

Redeveloping Existing Installations

Various jurisdictional stormwater management and mitigation plans (SUSMP, WQMP, etc.) define "redevelopment" in terms of amounts of additional impervious area, increases in gross floor area and/or exterior construction, and land disturbing activities with structural or impervious surfaces. The definition of " redevelopment" must be consulted to determine whether or not the requirements for new development apply to areas intended for redevelopment. If the definition applies, the steps outlined under "designing new installations" above should be followed.

Supplemental Information

Examples

- City of Ottawa's Water Links Surface –Water Quality Protection Program
- City of Toronto Downspout Disconnection Program
- City of Boston, MA, Rain Barrel Demonstration Program

Other Resources

Hager, Marty Catherine, Stormwater, "Low-Impact Development", January/February 2003. www.stormh2o.com

Low Impact Urban Design Tools, Low Impact Development Design Center, Beltsville, MD. www.lid-stormwater.net

Start at the Source, Bay Area Stormwater Management Agencies Association, 1999 Edition

Efficient Irrigation SD-12



Design Objectives

- ☑ Maximize Infiltration
- ☑ Provide Retention
- ☑ Slow Runoff
- Minimize Impervious Land Coverage
- Prohibit Dumping of Improper Materials
- Contain Pollutants
- Collect and Convey

Description

Irrigation water provided to landscaped areas may result in excess irrigation water being conveyed into stormwater drainage systems.

Approach

Project plan designs for development and redevelopment should include application methods of irrigation water that minimize runoff of excess irrigation water into the stormwater conveyance system.

Suitable Applications

Appropriate applications include residential, commercial and industrial areas planned for development or redevelopment. (Detached residential single-family homes are typically excluded from this requirement.)

Design Considerations

Designing New Installations

The following methods to reduce excessive irrigation runoff should be considered, and incorporated and implemented where determined applicable and feasible by the Permittee:

- Employ rain-triggered shutoff devices to prevent irrigation after precipitation.
- Design irrigation systems to each landscape area's specific water requirements.
- Include design featuring flow reducers or shutoff valves triggered by a pressure drop to control water loss in the event of broken sprinkler heads or lines.
- Implement landscape plans consistent with County or City water conservation resolutions, which may include provision of water sensors, programmable irrigation times (for short cycles), etc.

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- Design timing and application methods of irrigation water to minimize the runoff of excess irrigation water into the storm water drainage system.
- Group plants with similar water requirements in order to reduce excess irrigation runoff and promote surface filtration. Choose plants with low irrigation requirements (for example, native or drought tolerant species). Consider design features such as:
  - Using mulches (such as wood chips or bar) in planter areas without ground cover to minimize sediment in runoff
  - Installing appropriate plant materials for the location, in accordance with amount of sunlight and climate, and use native plant materials where possible and/or as recommended by the landscape architect
  - Leaving a vegetative barrier along the property boundary and interior watercourses, to act as a pollutant filter, where appropriate and feasible
  - Choosing plants that minimize or eliminate the use of fertilizer or pesticides to sustain growth
- Employ other comparable, equally effective methods to reduce irrigation water runoff.

Redeveloping Existing Installations

Various jurisdictional stormwater management and mitigation plans (SUSMP, WQMP, etc.) define "redevelopment" in terms of amounts of additional impervious area, increases in gross floor area and/or exterior construction, and land disturbing activities with structural or impervious surfaces. The definition of " redevelopment" must be consulted to determine whether or not the requirements for new development apply to areas intended for redevelopment. If the definition applies, the steps outlined under "designing new installations" above should be followed.

Other Resources

A Manual for the Standard Urban Stormwater Mitigation Plan (SUSMP), Los Angeles County Department of Public Works, May 2002.

Model Standard Urban Storm Water Mitigation Plan (SUSMP) for San Diego County, Port of San Diego, and Cities in San Diego County, February 14, 2002.

Model Water Quality Management Plan (WQMP) for County of Orange, Orange County Flood Control District, and the Incorporated Cities of Orange County, Draft February 2003.

Ventura Countywide Technical Guidance Manual for Stormwater Quality Control Measures, July 2002.

Storm Drain Signage SD-13



Design Objectives

- Maximize Infiltration
- Provide Retention
- Slow Runoff
- Minimize Impervious Land Coverage
- ☑ Prohibit Dumping of Improper Materials
- Contain Pollutants
- Collect and Convey

Description

Waste materials dumped into storm drain inlets can have severe impacts on receiving and ground waters. Posting notices regarding discharge prohibitions at storm drain inlets can prevent waste dumping. Storm drain signs and stencils are highly visible source controls that are typically placed directly adjacent to storm drain inlets.

Approach

The stencil or affixed sign contains a brief statement that prohibits dumping of improper materials into the urban runoff conveyance system. Storm drain messages have become a popular method of alerting the public about the effects of and the prohibitions against waste disposal.

Suitable Applications

Stencils and signs alert the public to the destination of pollutants discharged to the storm drain. Signs are appropriate in residential, commercial, and industrial areas, as well as any other area where contributions or dumping to storm drains is likely.

Design Considerations

Storm drain message markers or placards are recommended at all storm drain inlets within the boundary of a development project. The marker should be placed in clear sight facing toward anyone approaching the inlet from either side. All storm drain inlet locations should be identified on the development site map.

Designing New Installations

The following methods should be considered for inclusion in the project design and show on project plans:

- Provide stenciling or labeling of all storm drain inlets and catch basins, constructed or modified, within the project area with prohibitive language. Examples include "NO DUMPING

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– DRAINS TO OCEAN" and/or other graphical icons to discourage illegal dumping.

- Post signs with prohibitive language and/or graphical icons, which prohibit illegal dumping at public access points along channels and creeks within the project area.

Note - Some local agencies have approved specific signage and/or storm drain message placards for use. Consult local agency stormwater staff to determine specific requirements for placard types and methods of application.

Redeveloping Existing Installations

Various jurisdictional stormwater management and mitigation plans (SUSMP, WQMP, etc.) define "redevelopment" in terms of amounts of additional impervious area, increases in gross floor area and/or exterior construction, and land disturbing activities with structural or impervious surfaces. If the project meets the definition of "redevelopment", then the requirements stated under " designing new installations" above should be included in all project design plans.

Additional Information

Maintenance Considerations

- Legibility of markers and signs should be maintained. If required by the agency with jurisdiction over the project, the owner/operator or homeowner's association should enter into a maintenance agreement with the agency or record a deed restriction upon the property title to maintain the legibility of placards or signs.

Placement

- Signage on top of curbs tends to weather and fade.

- Signage on face of curbs tends to be worn by contact with vehicle tires and sweeper brooms.

Supplemental Information

Examples

- Most MS4 programs have storm drain signage programs. Some MS4 programs will provide stencils, or arrange for volunteers to stencil storm drains as part of their outreach program.

Other Resources

A Manual for the Standard Urban Stormwater Mitigation Plan (SUSMP), Los Angeles County Department of Public Works, May 2002.

Model Standard Urban Storm Water Mitigation Plan (SUSMP) for San Diego County, Port of San Diego, and Cities in San Diego County, February 14, 2002.

Model Water Quality Management Plan (WQMP) for County of Orange, Orange County Flood Control District, and the Incorporated Cities of Orange County, Draft February 2003.

Ventura Countywide Technical Guidance Manual for Stormwater Quality Control Measures, July 2002.

Maintenance Bays & Docks SD-31



Design Objectives

- Maximize Infiltration
- Provide Retention
- Slow Runoff
- Minimize Impervious Land Coverage
- ☑ Prohibit Dumping of Improper Materials
- ☑ Contain Pollutants
- Collect and Convey

Description

Several measures can be taken to prevent operations at maintenance bays and loading docks from contributing a variety of toxic compounds, oil and grease, heavy metals, nutrients, suspended solids, and other pollutants to the stormwater conveyance system.

Approach

In designs for maintenance bays and loading docks, containment is encouraged. Preventative measures include overflow containment structures and dead-end sumps. However, in the case of loading docks from grocery stores and warehouse/distribution centers, engineered infiltration systems may be considered.

Suitable Applications

Appropriate applications include commercial and industrial areas planned for development or redevelopment.

Design Considerations

Design requirements for vehicle maintenance and repair are governed by Building and Fire Codes, and by current local agency ordinances, and zoning requirements. The design criteria described in this fact sheet are meant to enhance and be consistent with these code requirements.

Designing New Installations

Designs of maintenance bays should consider the following:

- Repair/maintenance bays and vehicle parts with fluids should be indoors; or designed to preclude urban run-on and runoff.
- Repair/maintenance floor areas should be paved with Portland cement concrete (or equivalent smooth impervious surface).

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- Repair/maintenance bays should be designed to capture all wash water leaks and spills. Provide impermeable berms, drop inlets, trench catch basins, or overflow containment structures around repair bays to prevent spilled materials and wash-down waters form entering the storm drain system. Connect drains to a sump for collection and disposal. Direct connection of the repair/maintenance bays to the storm drain system is prohibited. If required by local jurisdiction, obtain an Industrial Waste Discharge Permit.

- Other features may be comparable and equally effective.

The following designs of loading/unloading dock areas should be considered:

- Loading dock areas should be covered, or drainage should be designed to preclude urban run-on and runoff.

- Direct connections into storm drains from depressed loading docks (truck wells) are prohibited.

- Below-grade loading docks from grocery stores and warehouse/distribution centers of fresh food items should drain through water quality inlets, or to an engineered infiltration system, or an equally effective alternative. Pre-treatment may also be required.

- Other features may be comparable and equally effective.

Redeveloping Existing Installations

Various jurisdictional stormwater management and mitigation plans (SUSMP, WQMP, etc.) define "redevelopment" in terms of amounts of additional impervious area, increases in gross floor area and/or exterior construction, and land disturbing activities with structural or impervious surfaces. The definition of " redevelopment" must be consulted to determine whether or not the requirements for new development apply to areas intended for redevelopment. If the definition applies, the steps outlined under "designing new installations" above should be followed.

Additional Information

Stormwater and non-stormwater will accumulate in containment areas and sumps with impervious surfaces. Contaminated accumulated water must be disposed of in accordance with applicable laws and cannot be discharged directly to the storm drain or sanitary sewer system without the appropriate permit.

Other Resources

A Manual for the Standard Urban Stormwater Mitigation Plan (SUSMP), Los Angeles County Department of Public Works, May 2002.

Model Standard Urban Storm Water Mitigation Plan (SUSMP) for San Diego County, Port of San Diego, and Cities in San Diego County, February 14, 2002.

Model Water Quality Management Plan (WQMP) for County of Orange, Orange County Flood Control District, and the Incorporated Cities of Orange County, Draft February 2003.

Ventura Countywide Technical Guidance Manual for Stormwater Quality Control Measures, July 2002.

Trash Storage Areas SD-32

Design Objectives

- Maximize Infiltration
- Provide Retention
- Slow Runoff
- Minimize Impervious Land Coverage
- Prohibit Dumping of Improper Materials
- ☑ Contain Pollutants
- Collect and Convey

Description

Trash storage areas are areas where a trash receptacle (s) are located for use as a repository for solid wastes. Stormwater runoff from areas where trash is stored or disposed of can be polluted. In addition, loose trash and debris can be easily transported by water or wind into nearby storm drain inlets, channels, and/or creeks. Waste handling operations that may be sources of stormwater pollution include dumpsters, litter control, and waste piles.

Approach

This fact sheet contains details on the specific measures required to prevent or reduce pollutants in stormwater runoff associated with trash storage and handling. Preventative measures including enclosures, containment structures, and impervious pavements to mitigate spills, should be used to reduce the likelihood of contamination.

Suitable Applications

Appropriate applications include residential, commercial and industrial areas planned for development or redevelopment. (Detached residential single-family homes are typically excluded from this requirement.)

Design Considerations

Design requirements for waste handling areas are governed by Building and Fire Codes, and by current local agency ordinances and zoning requirements. The design criteria described in this fact sheet are meant to enhance and be consistent with these code and ordinance requirements. Hazardous waste should be handled in accordance with legal requirements established in Title 22, California Code of Regulation.

Wastes from commercial and industrial sites are typically hauled by either public or commercial carriers that may have design or access requirements for waste storage areas. The design criteria in this fact sheet are recommendations and are not intended to be in conflict with requirements established by the waste hauler. The waste hauler should be contacted prior to the design of your site trash collection areas. Conflicts or issues should be discussed with the local agency.

Designing New Installations

Trash storage areas should be designed to consider the following structural or treatment control BMPs:

- Design trash container areas so that drainage from adjoining roofs and pavement is diverted around the area(s) to avoid run-on. This might include berming or grading the waste handling area to prevent run-on of stormwater.
- Make sure trash container areas are screened or walled to prevent off-site transport of trash.

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- Use lined bins or dumpsters to reduce leaking of liquid waste.
- Provide roofs, awnings, or attached lids on all trash containers to minimize direct precipitation and prevent rainfall from entering containers.
- Pave trash storage areas with an impervious surface to mitigate spills.
- Do not locate storm drains in immediate vicinity of the trash storage area.
- Post signs on all dumpsters informing users that hazardous materials are not to be disposed of therein.

Redeveloping Existing Installations

Various jurisdictional stormwater management and mitigation plans (SUSMP, WQMP, etc.) define "redevelopment" in terms of amounts of additional impervious area, increases in gross floor area and/or exterior construction, and land disturbing activities with structural or impervious surfaces. The definition of " redevelopment" must be consulted to determine whether or not the requirements for new development apply to areas intended for redevelopment. If the definition applies, the steps outlined under "designing new installations" above should be followed.

Additional Information

Maintenance Considerations

The integrity of structural elements that are subject to damage (i.e., screens, covers, and signs) must be maintained by the owner/operator. Maintenance agreements between the local agency and the owner/operator may be required. Some agencies will require maintenance deed restrictions to be recorded of the property title. If required by the local agency, maintenance agreements or deed restrictions must be executed by the owner/operator before improvement plans are approved.

Other Resources

A Manual for the Standard Urban Stormwater Mitigation Plan (SUSMP), Los Angeles County Department of Public Works, May 2002.

Model Standard Urban Storm Water Mitigation Plan (SUSMP) for San Diego County, Port of San Diego, and Cities in San Diego County, February 14, 2002.

Model Water Quality Management Plan (WQMP) for County of Orange, Orange County Flood Control District, and the Incorporated Cities of Orange County, Draft February 2003.

Ventura Countywide Technical Guidance Manual for Stormwater Quality Control Measures, July 2002.

Street Sweeping and Vacuuming SE-7



Categories		
EC	Erosion Control	
SE	Sediment Control	☒
TC	Tracking Control	☑
WE	Wind Erosion Control	
NS	Non-Stormwater Management Control	
WM	Waste Management and Materials Pollution Control	

Legend:
☑ **Primary Objective**
☒ **Secondary Objective**

Targeted Constituents	
Sediment	☑
Nutrients	
Trash	☑
Metals	
Bacteria	
Oil and Grease	☑
Organics	

Potential Alternatives

None

Description and Purpose

Street sweeping and vacuuming includes use of self-propelled and walk-behind equipment to remove sediment from streets and roadways, and to clean paved surfaces in preparation for final paving. Sweeping and vacuuming prevents sediment from the project site from entering storm drains or receiving waters.

Suitable Applications

Sweeping and vacuuming are suitable anywhere sediment is tracked from the project site onto public or private paved streets and roads, typically at points of egress. Sweeping and vacuuming are also applicable during preparation of paved surfaces for final paving.

Limitations

Sweeping and vacuuming may not be effective when sediment is wet or when tracked soil is caked (caked soil may need to be scraped loose).

Implementation

- Controlling the number of points where vehicles can leave the site will allow sweeping and vacuuming efforts to be focused, and perhaps save money.
- Inspect potential sediment tracking locations daily.
- Visible sediment tracking should be swept or vacuumed on a daily basis.
- Do not use kick brooms or sweeper attachments. These tend to spread the dirt rather than remove it.

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- If not mixed with debris or trash, consider incorporating the removed sediment back into the project

Costs

Rental rates for self-propelled sweepers vary depending on hopper size and duration of rental. Expect rental rates from $58/hour (3 yd^3 hopper) to $88/hour (9 yd^3 hopper), plus operator costs. Hourly production rates vary with the amount of area to be swept and amount of sediment. Match the hopper size to the area and expect sediment load to minimize time spent dumping.

Inspection and Maintenance

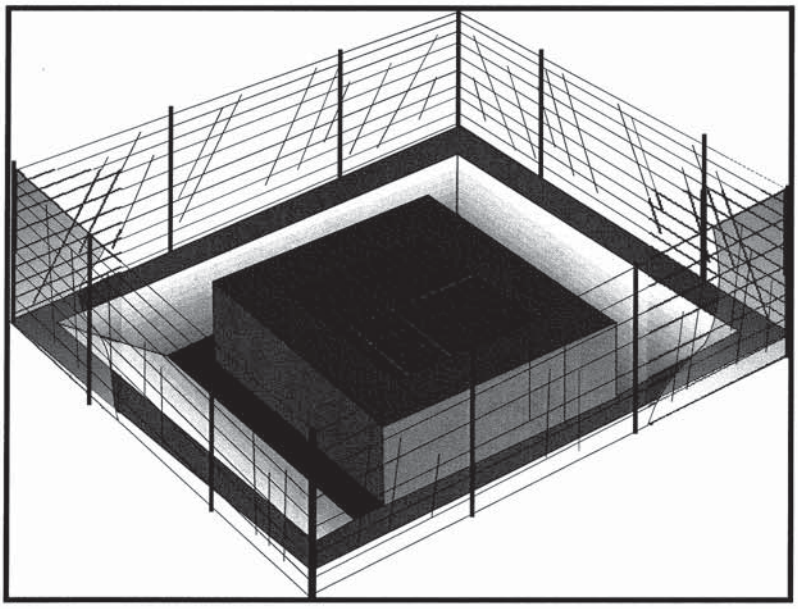
- Inspect BMPs in accordance with General Permit requirements for the associated project type and risk level. It is recommended that at a minimum, BMPs be inspected weekly, prior to forecasted rain events, daily during extended rain events, and after the conclusion of rain events.
- When actively in use, points of ingress and egress must be inspected daily.
- When tracked or spilled sediment is observed outside the construction limits, it must be removed at least daily. More frequent removal, even continuous removal, may be required in some jurisdictions.
- Be careful not to sweep up any unknown substance or any object that may be potentially hazardous.
- Adjust brooms frequently; maximize efficiency of sweeping operations.
- After sweeping is finished, properly dispose of sweeper wastes at an approved dumpsite.

References

Stormwater Quality Handbooks - Construction Site Best Management Practices (BMPs) Manual, State of California Department of Transportation (Caltrans), November 2000.

Labor Surcharge and Equipment Rental Rates, State of California Department of Transportation (Caltrans), April 1, 2002 – March 31, 2003.

Storm Drain Inlet Protection SE-10



Categories

EC	Erosion Control	
SE	Sediment Control	☑
TC	Tracking Control	
WE	Wind Erosion Control	
NS	Non-Stormwater Management Control	
WM	Waste Management and Materials Pollution Control	

Legend:

☑ **Primary Category**

☒ **Secondary Category**

Targeted Constituents

Sediment	☑
Nutrients	
Trash	☒
Metals	
Bacteria	
Oil and Grease	
Organics	

Potential Alternatives

SE-1 Silt Fence

SE-5 Fiber Rolls

SE-6 Gravel Bag Berm

SE-8 Sandbag Barrier

SE-14 Biofilter Bags

Description and Purpose

Storm drain inlet protection consists of a sediment filter or an impounding area in, around or upstream of a storm drain, drop inlet, or curb inlet. Storm drain inlet protection measures temporarily pond runoff before it enters the storm drain, allowing sediment to settle. Some filter configurations also remove sediment by filtering, but usually the ponding action results in the greatest sediment reduction. Temporary geotextile storm drain inserts attach underneath storm drain grates to capture and filter storm water.

Suitable Applications

Every storm drain inlet receiving runoff from unstabilized or otherwise active work areas should be protected. Inlet protection should be used in conjunction with other erosion and sediment controls to prevent sediment-laden stormwater and non-stormwater discharges from entering the storm drain system.

Limitations

- Drainage area should not exceed 1 acre.
- In general straw bales should not be used as inlet protection.
- Requires an adequate area for water to pond without encroaching into portions of the roadway subject to traffic.

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- Sediment removal may be inadequate to prevent sediment discharges in high flow conditions or if runoff is heavily sediment laden. If high flow conditions are expected, use other onsite sediment trapping techniques in conjunction with inlet protection.
- Frequent maintenance is required.
- Limit drainage area to 1 acre maximum. For drainage areas larger than 1 acre, runoff should be routed to a sediment-trapping device designed for larger flows. See BMPs SE-2, Sediment Basin, and SE-3, Sediment Traps.
- Excavated drop inlet sediment traps are appropriate where relatively heavy flows are expected, and overflow capability is needed.

Implementation

General

Inlet control measures presented in this handbook should not be used for inlets draining more than one acre. Runoff from larger disturbed areas should be first routed through SE-2, Sediment Basin or SE-3, Sediment Trap and/or used in conjunction with other drainage control, erosion control, and sediment control BMPs to protect the site. Different types of inlet protection are appropriate for different applications depending on site conditions and the type of inlet. Alternative methods are available in addition to the methods described/shown herein such as prefabricated inlet insert devices, or gutter protection devices.

Design and Layout

Identify existing and planned storm drain inlets that have the potential to receive sediment-laden surface runoff. Determine if storm drain inlet protection is needed and which method to use.

- The key to successful and safe use of storm drain inlet protection devices is to know where runoff that is directed toward the inlet to be protected will pond or be diverted as a result of installing the protection device.
  - Determine the acceptable location and extent of ponding in the vicinity of the drain inlet. The acceptable location and extent of ponding will influence the type and design of the storm drain inlet protection device.
  - Determine the extent of potential runoff diversion caused by the storm drain inlet protection device. Runoff ponded by inlet protection devices may flow around the device and towards the next downstream inlet. In some cases, this is acceptable; in other cases, serious erosion or downstream property damage can be caused by these diversions. The possibility of runoff diversions will influence whether or not storm drain inlet protection is suitable; and, if suitable, the type and design of the device.
- The location and extent of ponding, and the extent of diversion, can usually be controlled through appropriate placement of the inlet protection device. In some cases, moving the inlet protection device a short distance upstream of the actual inlet can provide more efficient sediment control, limit ponding to desired areas, and prevent or control diversions.

- Six types of inlet protection are presented below. However, it is recognized that other effective methods and proprietary devices exist and may be selected.
  - Silt Fence: Appropriate for drainage basins with less than a 5% slope, sheet flows, and flows under 0.5 cfs.
  - Excavated Drop Inlet Sediment Trap: An excavated area around the inlet to trap sediment (SE-3).
  - Gravel bag barrier: Used to create a small sediment trap upstream of inlets on sloped, paved streets. Appropriate for sheet flow or when concentrated flow may exceed 0.5 cfs, and where overtopping is required to prevent flooding.
  - Block and Gravel Filter: Appropriate for flows greater than 0.5 cfs.
  - Temporary Geotextile Storm drain Inserts: Different products provide different features. Refer to manufacturer details for targeted pollutants and additional features.
  - Biofilter Bag Barrier: Used to create a small retention area upstream of inlets and can be located on pavement or soil. Biofilter bags slowly filter runoff allowing sediment to settle out. Appropriate for flows under 0.5 cfs.
- Select the appropriate type of inlet protection and design as referred to or as described in this fact sheet.
- Provide area around the inlet for water to pond without flooding structures and property.
- Grates and spaces around all inlets should be sealed to prevent seepage of sediment-laden water.
- Excavate sediment sumps (where needed) 1 to 2 ft with 2:1 side slopes around the inlet.

Installation

- ***DI Protection Type 1 - Silt Fence*** - Similar to constructing a silt fence; see BMP SE-1, Silt Fence. Do not place fabric underneath the inlet grate since the collected sediment may fall into the drain inlet when the fabric is removed or replaced and water flow through the grate will be blocked resulting in flooding. See typical Type 1 installation details at the end of this fact sheet.
  1. Excavate a trench approximately 6 in. wide and 6 in. deep along the line of the silt fence inlet protection device.
  2. Place 2 in. by 2 in. wooden stakes around the perimeter of the inlet a maximum of 3 ft apart and drive them at least 18 in. into the ground or 12 in. below the bottom of the trench. The stakes should be at least 48 in.
  3. Lay fabric along bottom of trench, up side of trench, and then up stakes. See SE-1, Silt Fence, for details. The maximum silt fence height around the inlet is 24 in.
  4. Staple the filter fabric (for materials and specifications, see SE-1, Silt Fence) to wooden stakes. Use heavy-duty wire staples at least 1 in. in length.

5. Backfill the trench with gravel or compacted earth all the way around.

- ***DI Protection Type 2 - Excavated Drop Inlet Sediment Trap*** - Install filter fabric fence in accordance with DI Protection Type 1. Size excavated trap to provide a minimum storage capacity calculated at the rate 67 yd^3/acre of drainage area. See typical Type 2 installation details at the end of this fact sheet.

- ***DI Protection Type 3 - Gravel bag*** - Flow from a severe storm should not overtop the curb. In areas of high clay and silts, use filter fabric and gravel as additional filter media. Construct gravel bags in accordance with SE-6, Gravel Bag Berm. Gravel bags should be used due to their high permeability. See typical Type 3 installation details at the end of this fact sheet.

  1. Construct on gently sloping street.
  2. Leave room upstream of barrier for water to pond and sediment to settle.
  3. Place several layers of gravel bags – overlapping the bags and packing them tightly together.
  4. Leave gap of one bag on the top row to serve as a spillway. Flow from a severe storm (e.g., 10 year storm) should not overtop the curb.

- ***DI Protection Type 4 – Block and Gravel Filter*** - Block and gravel filters are suitable for curb inlets commonly used in residential, commercial, and industrial construction. See typical Type 4 installation details at the end of this fact sheet.

  1. Place hardware cloth or comparable wire mesh with 0.5 in. openings over the drop inlet so that the wire extends a minimum of 1 ft beyond each side of the inlet structure. If more than one strip is necessary, overlap the strips. Place woven geotextile over the wire mesh.
  2. Place concrete blocks lengthwise on their sides in a single row around the perimeter of the inlet, so that the open ends face outward, not upward. The ends of adjacent blocks should abut. The height of the barrier can be varied, depending on design needs, by stacking combinations of blocks that are 4 in., 8 in., and 12 in. wide. The row of blocks should be at least 12 in. but no greater than 24 in. high.
  3. Place wire mesh over the outside vertical face (open end) of the concrete blocks to prevent stone from being washed through the blocks. Use hardware cloth or comparable wire mesh with 0.5 in. opening.
  4. Pile washed stone against the wire mesh to the top of the blocks. Use 0.75 to 3 in.

- ***DI Protection Type 5 – Temporary Geotextile Insert (proprietary)*** – Many types of temporary inserts are available. Most inserts fit underneath the grate of a drop inlet or inside of a curb inlet and are fastened to the outside of the grate or curb. These inserts are removable and many can be cleaned and reused. Installation of these inserts differs between manufacturers. Please refer to manufacturer instruction for installation of proprietary devices.

- ***DI Protection Type 6 - Biofilter bags*** – Biofilter bags may be used as a substitute for gravel bags in low-flow situations. Biofilter bags should conform to specifications detailed in SE-14, Biofilter bags.

    1. Construct in a gently sloping area.
    2. Biofilter bags should be placed around inlets to intercept runoff flows.
    3. All bag joints should overlap by 6 in.
    4. Leave room upstream for water to pond and for sediment to settle out.
    5. Stake bags to the ground as described in the following detail. Stakes may be omitted if bags are placed on a paved surface.

Costs

- Average annual cost for installation and maintenance of DI Type 1-4 and 6 (one year useful life) is $200 per inlet.
- Temporary geotextile inserts are proprietary and cost varies by region. These inserts can often be reused and may have greater than 1 year of use if maintained and kept undamaged. Average cost per insert ranges from $50-75 plus installation, but costs can exceed $100. This cost does not include maintenance.

Inspection and Maintenance

- BMPs must be inspected in accordance with General Permit requirements for the associated project type and risk level. It is recommended that at a minimum, BMPs be inspected weekly, prior to forecasted rain events, daily during extended rain events, and after the conclusion of rain events.
- Silt Fences. If the fabric becomes clogged, torn, or degrades, it should be replaced. Make sure the stakes are securely driven in the ground and are in good shape (i.e., not bent, cracked, or splintered, and are reasonably perpendicular to the ground). Replace damaged stakes. At a minimum, remove the sediment behind the fabric fence when accumulation reaches one-third the height of the fence or barrier height.
- Gravel Filters. If the gravel becomes clogged with sediment, it should be carefully removed from the inlet and either cleaned or replaced. Since cleaning gravel at a construction site may be difficult, consider using the sediment-laden stone as fill material and put fresh stone around the inlet. Inspect bags for holes, gashes, and snags, and replace bags as needed. Check gravel bags for proper arrangement and displacement.
- Sediment that accumulates in the BMP should be periodically removed in order to maintain BMP effectiveness. Sediment should be removed when the sediment accumulation reaches one-third of the barrier height.
- Inspect and maintain temporary geotextile insert devices according to manufacturer's specifications.
- Remove storm drain inlet protection once the drainage area is stabilized.

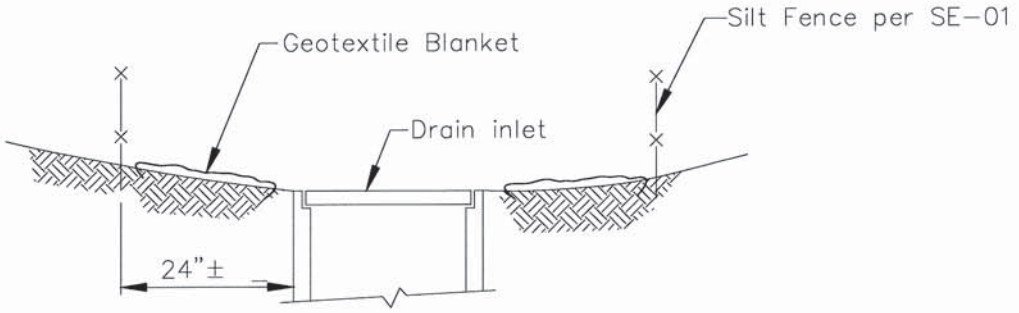
- Clean and regrade area around the inlet and clean the inside of the storm drain inlet, as it should be free of sediment and debris at the time of final inspection.

References

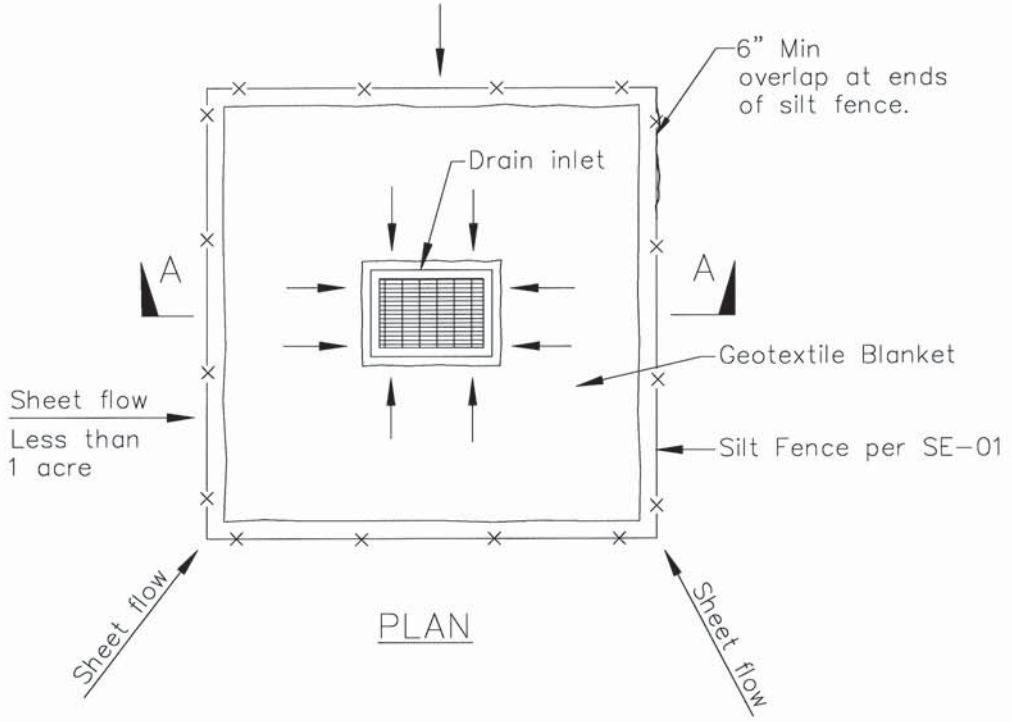
Stormwater Quality Handbooks - Construction Site Best Management Practices (BMPs) Manual, State of California Department of Transportation (Caltrans), March 2003.

Stormwater Management Manual for The Puget Sound Basin, Washington State Department of Ecology, Public Review Draft, 1991.

Erosion and Sediment Control Manual, Oregon Department of Environmental Quality, February 2005.



SECTION A–A

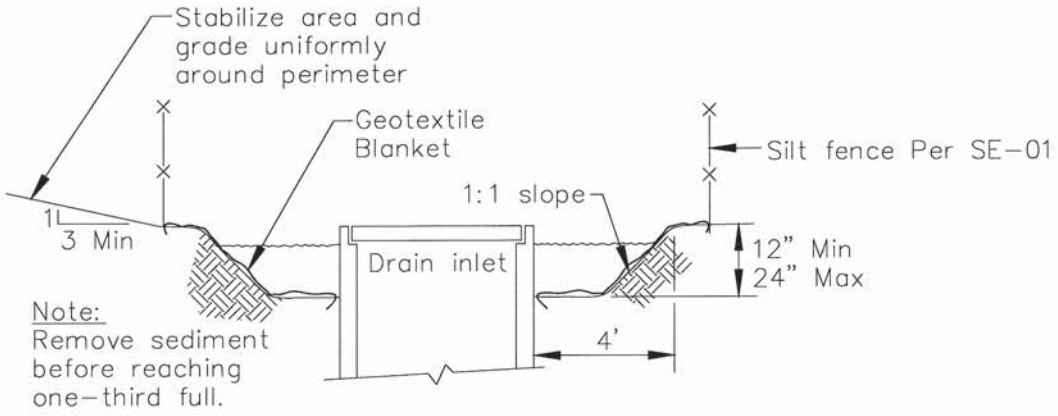


PLAN

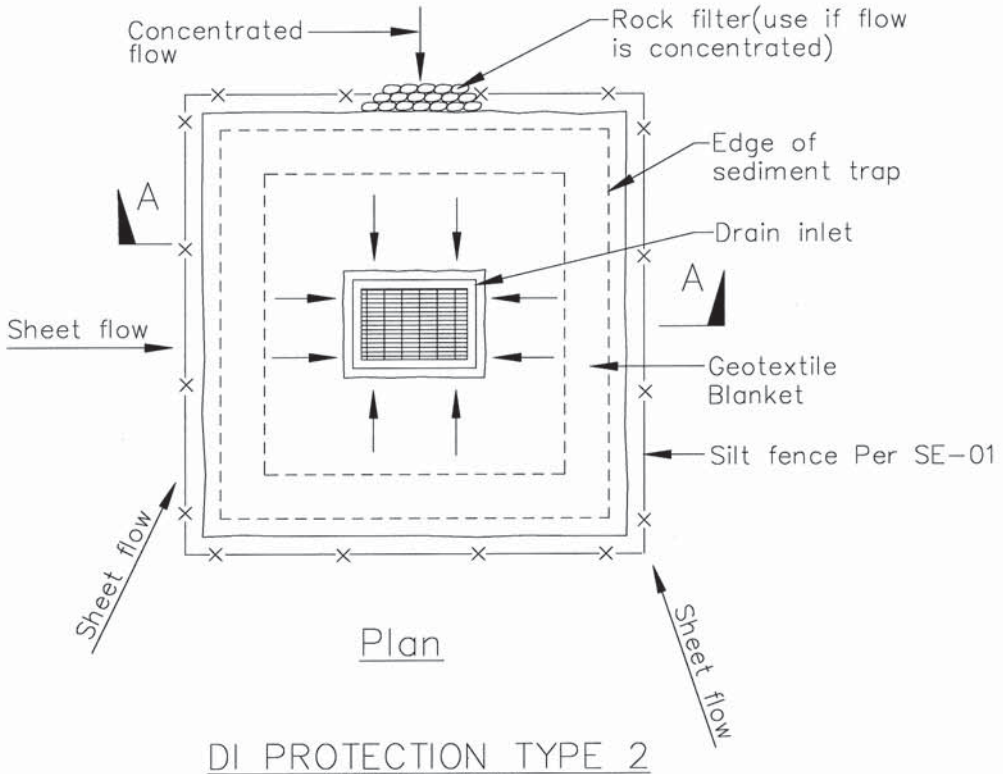
DI PROTECTION TYPE 1
NOT TO SCALE

NOTES:

1. For use in areas where grading has been completed and final soil stabilization and seeding are pending.
2. Not applicable in paved areas.
3. Not applicable with concentrated flows.



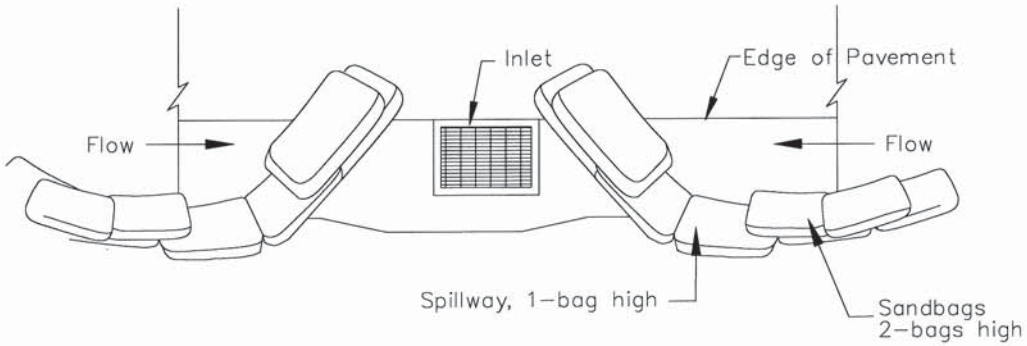
Section A-A



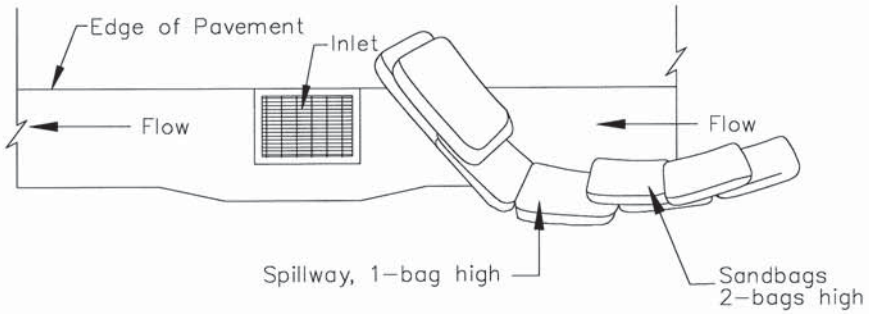
Plan

DI PROTECTION TYPE 2
NOT TO SCALE

Notes
1. For use in cleared and grubbed and in graded areas.
2. Shape basin so that longest inflow area faces longest length of trap.
3. For concentrated flows, shape basin in 2:1 ratio with length oriented towards direction of flow.



TYPICAL PROTECTION FOR INLET ON SUMP

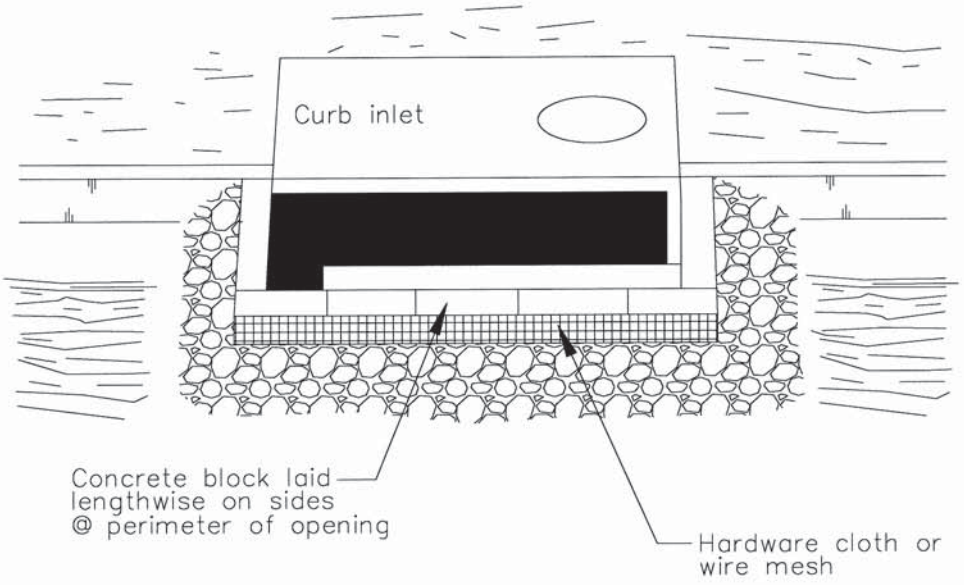


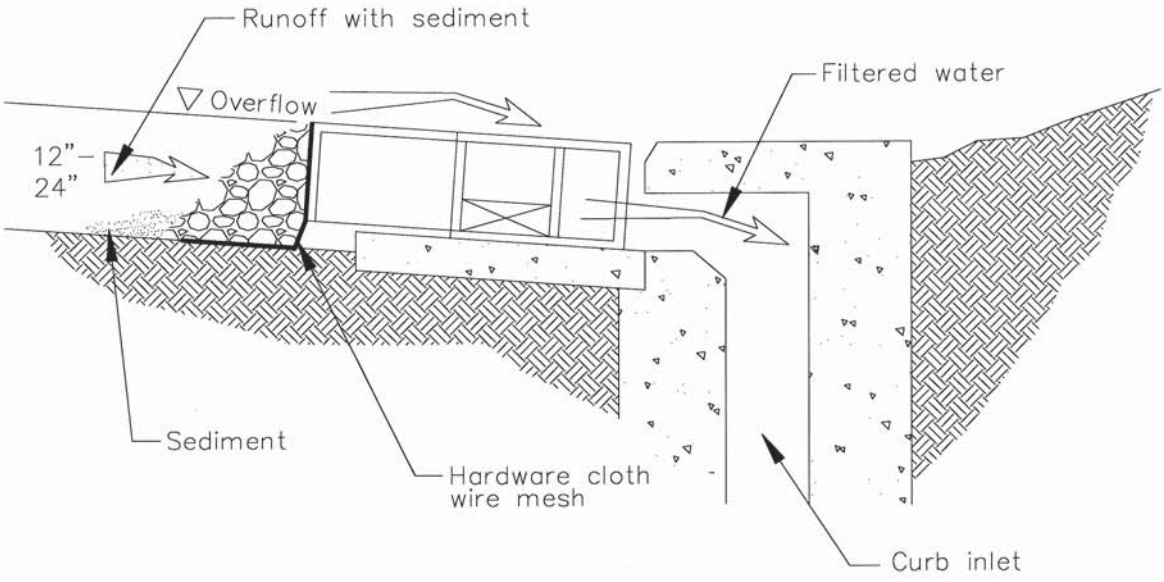
TYPICAL PROTECTION FOR INLET ON GRADE

NOTES:

1. Intended for short–term use.
2. Use to inhibit non–storm water flow.
3. Allow for proper maintenance and cleanup.
4. Bags must be removed after adjacent operation is completed
5. Not applicable in areas with high silts and clays without filter fabric.

DI PROTECTION TYPE 3
NOT TO SCALE





DI PROTECTION – TYPE 4

NOT TO SCALE

Drain Inserts MP-52

Description

Drain inserts are manufactured filters or fabric placed in a drop inlet to remove sediment and debris. There are a multitude of inserts of various shapes and configurations, typically falling into one of three different groups: socks, boxes, and trays. The sock consists of a fabric, usually constructed of polypropylene. The fabric may be attached to a frame or the grate of the inlet holds the sock. Socks are meant for vertical (drop) inlets. Boxes are constructed of plastic or wire mesh. Typically a polypropylene "bag" is placed in the wire mesh box. The bag takes the form of the box. Most box products are one box; that is, the setting area and filtration through media occur in the same box. Some products consist of one or more trays or mesh grates. The trays may hold different types of media. Filtration media vary by manufacturer. Types include polypropylene, porous polymer, treated cellulose, and activated carbon.

California Experience

The number of installations is unknown but likely exceeds a thousand. Some users have reported that these systems require considerable maintenance to prevent plugging and bypass.

Advantages

- Does not require additional space as inserts as the drain inlets are already a component of the standard drainage systems.
- Easy access for inspection and maintenance.
- As there is no standing water, there is little concern for mosquito breeding.
- A relatively inexpensive retrofit option.

Limitations

Performance is likely significantly less than treatment systems that are located at the end of the drainage system such as ponds and vaults. Usually not suitable for large areas or areas with trash or leaves than can plug the insert.

Design and Sizing Guidelines

Refer to manufacturer's guidelines. Drain inserts come any many configurations but can be placed into three general groups: socks, boxes, and trays. The sock consists of a fabric, usually constructed of polypropylene. The fabric may be attached to a frame or the grate of the inlet holds the sock. Socks are meant for vertical (drop) inlets. Boxes are constructed of plastic or wire mesh. Typically a polypropylene "bag" is placed in the wire mesh box. The bag takes the form of the box. Most box products are

Design Considerations

- Use with other BMPs
- Fit and Seal Capacity within Inlet

Targeted Constituents

- ✓ Sediment
- ✓ Nutrients
- ✓ Trash
- ✓ Metals
- Bacteria
- ✓ Oil and Grease
- ✓ Organics

Removal Effectiveness

See New Development and Redevelopment Handbook-Section 5.

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one box; that is, the setting area and filtration through media occurs in the same box. One manufacturer has a double-box. Stormwater enters the first box where setting occurs. The stormwater flows into the second box where the filter media is located. Some products consist of one or more trays or mesh grates. The trays can hold different types of media. Filtration media vary with the manufacturer: types include polypropylene, porous polymer, treated cellulose, and activated carbon.

Construction/Inspection Considerations

Be certain that installation is done in a manner that makes certain that the stormwater enters the unit and does not leak around the perimeter. Leakage between the frame of the insert and the frame of the drain inlet can easily occur with vertical (drop) inlets.

Performance

Few products have performance data collected under field conditions.

Siting Criteria

It is recommended that inserts be used only for retrofit situations or as pretreatment where other treatment BMPs presented in this section area used.

Additional Design Guidelines

Follow guidelines provided by individual manufacturers.

Maintenance

Likely require frequent maintenance, on the order of several times per year.

Cost

- The initial cost of individual inserts ranges from less than $100 to about $2,000. The cost of using multiple units in curb inlet drains varies with the size of the inlet.
- The low cost of inserts may tend to favor the use of these systems over other, more effective treatment BMPs. However, the low cost of each unit may be offset by the number of units that are required, more frequent maintenance, and the shorter structural life (and therefore replacement).

References and Sources of Additional Information

Hrachovec, R., and G. Minton, 2001, Field testing of a sock-type catch basin insert, Planet CPR, Seattle, Washington

Interagency Catch Basin Insert Committee, Evaluation of Commercially-Available Catch Basin Inserts for the Treatment of Stormwater Runoff from Developed Sites, 1995

Larry Walker Associates, June 1998, NDMP Inlet/In-Line Control Measure Study Report

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Woodward Clyde, June 11, 1996, Parking Lot Monitoring Report, Santa Clara Valley Nonpoint Source Pollution Control Program.

Infiltration Basin TC-11



Design Considerations

- Soil for Infiltration
- Slope
- Aesthetics

Targeted Constituents

☑	Sediment	■
☑	Nutrients	■
☑	Trash	■
☑	Metals	■
☑	Bacteria	■
☑	Oil and Grease	■
☑	Organics	■

Legend ***(Removal Effectiveness)***

- ● Low
- ▲ Medium
- ■ High

Description

An infiltration basin is a shallow impoundment that is designed to infiltrate stormwater. Infiltration basins use the natural filtering ability of the soil to remove pollutants in stormwater runoff. Infiltration facilities store runoff until it gradually exfiltrates through the soil and eventually into the water table. This practice has high pollutant removal efficiency and can also help recharge groundwater, thus helping to maintain low flows in stream systems. Infiltration basins can be challenging to apply on many sites, however, because of soils requirements. In addition, some studies have shown relatively high failure rates compared with other management practices.

California Experience

Infiltration basins have a long history of use in California, especially in the Central Valley. Basins located in Fresno were among those initially evaluated in the National Urban Runoff Program and were found to be effective at reducing the volume of runoff, while posing little long-term threat to groundwater quality (EPA, 1983; Schroeder, 1995). Proper siting of these devices is crucial as underscored by the experience of Caltrans in siting two basins in Southern California. The basin with marginal separation from groundwater and soil permeability failed immediately and could never be rehabilitated.

Advantages

- Provides 100% reduction in the load discharged to surface waters.
- The principal benefit of infiltration basins is the approximation of pre-development hydrology during which a

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significant portion of the average annual rainfall runoff is infiltrated and evaporated rather than flushed directly to creeks.

- If the water quality volume is adequately sized, infiltration basins can be useful for providing control of channel forming (erosion) and high frequency (generally less than the 2-year) flood events.

Limitations

- May not be appropriate for industrial sites or locations where spills may occur.
- Infiltration basins require a minimum soil infiltration rate of 0.5 inches/hour, not appropriate at sites with Hydrologic Soil Types C and D.
- If infiltration rates exceed 2.4 inches/hour, then the runoff should be fully treated prior to infiltration to protect groundwater quality.
- Not suitable on fill sites or steep slopes.
- Risk of groundwater contamination in very coarse soils.
- Upstream drainage area must be completely stabilized before construction.
- Difficult to restore functioning of infiltration basins once clogged.

Design and Sizing Guidelines

- Water quality volume determined by local requirements or sized so that 85% of the annual runoff volume is captured.
- Basin sized so that the entire water quality volume is infiltrated within 48 hours.
- Vegetation establishment on the basin floor may help reduce the clogging rate.

Construction/Inspection Considerations

- Before construction begins, stabilize the entire area draining to the facility. If impossible, place a diversion berm around the perimeter of the infiltration site to prevent sediment entrance during construction or remove the top 2 inches of soil after the site is stabililized. Stabilize the entire contributing drainage area, including the side slopes, before allowing any runoff to enter once construction is complete.
- Place excavated material such that it can not be washed back into the basin if a storm occurs during construction of the facility.
- Build the basin without driving heavy equipment over the infiltration surface. Any equipment driven on the surface should have extra-wide ("low pressure") tires. Prior to any construction, rope off the infiltration area to stop entrance by unwanted equipment.
- After final grading, till the infiltration surface deeply.
- Use appropriate erosion control seed mix for the specific project and location.

Performance

As water migrates through porous soil and rock, pollutant attenuation mechanisms include precipitation, sorption, physical filtration, and bacterial degradation. If functioning properly, this approach is presumed to have high removal efficiencies for particulate pollutants and moderate removal of soluble pollutants. Actual pollutant removal in the subsurface would be expected to vary depending upon site-specific soil types. This technology eliminates discharge to surface waters except for the very largest storms; consequently, complete removal of all stormwater constituents can be assumed.

There remain some concerns about the potential for groundwater contamination despite the findings of the NURP and Nightingale (1975; 1987a,b,c; 1989). For instance, a report by Pitt et al. (1994) highlighted the potential for groundwater contamination from intentional and unintentional stormwater infiltration. That report recommends that infiltration facilities not be sited in areas where high concentrations are present or where there is a potential for spills of toxic material. Conversely, Schroeder (1995) reported that there was no evidence of groundwater impacts from an infiltration basin serving a large industrial catchment in Fresno, CA.

Siting Criteria

The key element in siting infiltration basins is identifying sites with appropriate soil and hydrogeologic properties, which is critical for long term performance. In one study conducted in Prince George's County, Maryland (Galli, 1992), all of the infiltration basins investigated clogged within 2 years. It is believed that these failures were for the most part due to allowing infiltration at sites with rates of less than 0.5 in/hr, basing siting on soil type rather than field infiltration tests, and poor construction practices that resulted in soil compaction of the basin invert.

A study of 23 infiltration basins in the Pacific Northwest showed better long-term performance in an area with highly permeable soils (Hilding, 1996). In this study, few of the infiltration basins had failed after 10 years. Consequently, the following guidelines for identifying appropriate soil and subsurface conditions should be rigorously adhered to.

- Determine soil type (consider RCS soil type 'A, B or C' only) from mapping and consult USDA soil survey tables to review other parameters such as the amount of silt and clay, presence of a restrictive layer or seasonal high water table, and estimated permeability. The soil should not have more than 30% clay or more than 40% of clay and silt combined. Eliminate sites that are clearly unsuitable for infiltration.

- Groundwater separation should be at least 3 m from the basin invert to the measured ground water elevation. There is concern at the state and regional levels of the impact on groundwater quality from infiltrated runoff, especially when the separation between groundwater and the surface is small.

- Location away from buildings, slopes and highway pavement (greater than 6 m) and wells and bridge structures (greater than 30 m). Sites constructed of fill, having a base flow or with a slope greater than 15% should not be considered.

- Ensure that adequate head is available to operate flow splitter structures (to allow the basin to be offline) without ponding in the splitter structure or creating backwater upstream of the splitter.

- Base flow should not be present in the tributary watershed.

Secondary Screening Based on Site Geotechnical Investigation

- At least three in-hole conductivity tests shall be performed using USBR 7300-89 or Bouwer-Rice procedures (the latter if groundwater is encountered within the boring), two tests at different locations within the proposed basin and the third down gradient by no more than approximately 10 m. The tests shall measure permeability in the side slopes and the bed within a depth of 3 m of the invert.

- The minimum acceptable hydraulic conductivity as measured in any of the three required test holes is 13 mm/hr. If any test hole shows less than the minimum value, the site should be disqualified from further consideration.

- Exclude from consideration sites constructed in fill or partially in fill unless no silts or clays are present in the soil boring. Fill tends to be compacted, with clays in a dispersed rather than flocculated state, greatly reducing permeability.

- The geotechnical investigation should be such that a good understanding is gained as to how the stormwater runoff will move in the soil (horizontally or vertically) and if there are any geological conditions that could inhibit the movement of water.

Additional Design Guidelines

(1) Basin Sizing - The required water quality volume is determined by local regulations or sufficient to capture 85% of the annual runoff.

(2) Provide pretreatment if sediment loading is a maintenance concern for the basin.

(3) Include energy dissipation in the inlet design for the basins. Avoid designs that include a permanent pool to reduce opportunity for standing water and associated vector problems.

(4) Basin invert area should be determined by the equation:

$$A = \frac{WQV}{kt}$$

where A = Basin invert area (m^2)

WQV = water quality volume (m^3)

k = 0.5 times the lowest field-measured hydraulic conductivity (m/hr)

t = drawdown time (48 hr)

(5) The use of vertical piping, either for distribution or infiltration enhancement shall not be allowed to avoid device classification as a Class V injection well per 40 CFR146.5(e)(4).

Maintenance

Regular maintenance is critical to the successful operation of infiltration basins. Recommended operation and maintenance guidelines include:

- Inspections and maintenance to ensure that water infiltrates into the subsurface completely (recommended infiltration rate of 72 hours or less) and that vegetation is carefully managed to prevent creating mosquito and other vector habitats.
- Observe drain time for the design storm after completion or modification of the facility to confirm that the desired drain time has been obtained.
- Schedule semiannual inspections for beginning and end of the wet season to identify potential problems such as erosion of the basin side slopes and invert, standing water, trash and debris, and sediment accumulation.
- Remove accumulated trash and debris in the basin at the start and end of the wet season.
- Inspect for standing water at the end of the wet season.
- Trim vegetation at the beginning and end of the wet season to prevent establishment of woody vegetation and for aesthetic and vector reasons.
- Remove accumulated sediment and regrade when the accumulated sediment volume exceeds 10% of the basin.
- If erosion is occurring within the basin, revegetate immediately and stabilize with an erosion control mulch or mat until vegetation cover is established.
- To avoid reversing soil development, scarification or other disturbance should only be performed when there are actual signs of clogging, rather than on a routine basis. Always remove deposited sediments before scarification, and use a hand-guided rotary tiller, if possible, or a disc harrow pulled by a very light tractor.

Cost

Infiltration basins are relatively cost-effective practices because little infrastructure is needed when constructing them. One study estimated the total construction cost at about $2 per ft (adjusted for inflation) of storage for a 0.25-acre basin (SWRPC, 1991). As with other BMPs, these published cost estimates may deviate greatly from what might be incurred at a specific site. For instance, Caltrans spent about $18/ft^3 for the two infiltration basins constructed in southern California, each of which had a water quality volume of about 0.34 ac.-ft. Much of the higher cost can be attributed to changes in the storm drain system necessary to route the runoff to the basin locations.

Infiltration basins typically consume about 2 to 3% of the site draining to them, which is relatively small. Additional space may be required for buffer, landscaping, access road, and fencing. Maintenance costs are estimated at 5 to 10% of construction costs.

One cost concern associated with infiltration practices is the maintenance burden and longevity. If improperly maintained, infiltration basins have a high failure rate. Thus, it may be necessary to replace the basin with a different technology after a relatively short period of time.

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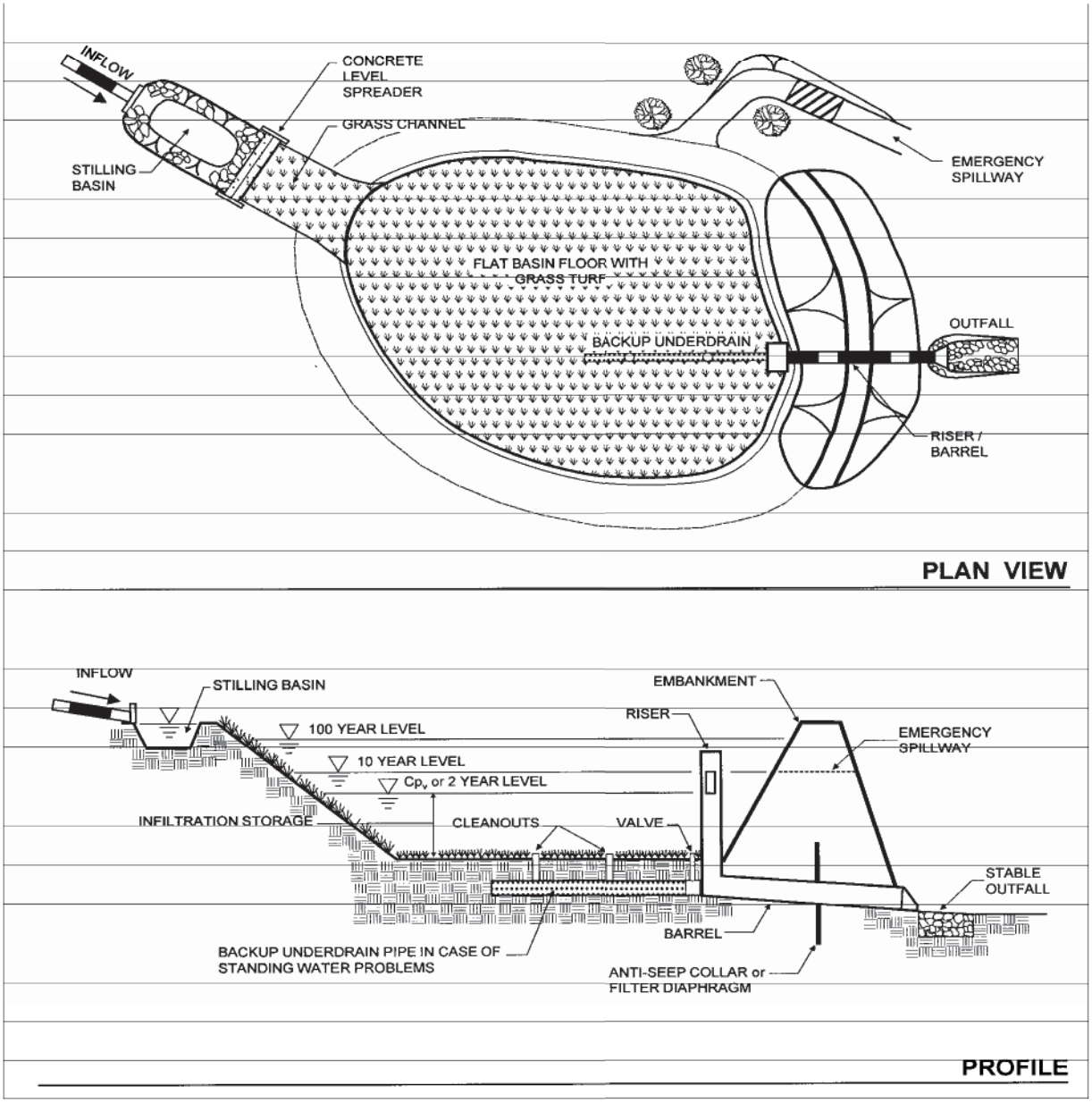
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Information Resources

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INFLOW
CONCRETE LEVEL SPREADER
GRASS CHANNEL
STILLING BASIN
EMERGENCY SPILLWAY
FLAT BASIN FLOOR WITH GRASS TURF
OUTFALL
BACKUP UNDERDRAIN
RISER / BARREL
PLAN VIEW
INFLOW
STILLING BASIN
EMBANKMENT
RISER
100 YEAR LEVEL
EMERGENCY SPILLWAY
10 YEAR LEVEL
Cpv or 2 YEAR LEVEL
INFILTRATION STORAGE
CLEANOUTS
VALVE
STABLE OUTFALL
BARREL
BACKUP UNDERDRAIN PIPE IN CASE OF STANDING WATER PROBLEMS
ANTI-SEEP COLLAR or FILTER DIAPHRAGM
PROFILE

Bioretention TC-32



Maintenance Concerns, Objectives, and Goals

- Clogged Soil or Outlet Structures
- Invasive Species
- Vegetation/Landscape Maintenance
- Erosion
- Channelization of Flow
- Aesthetics

General Description

The bioretention best management practice (BMP) functions as a soil and plant-based filtration device that removes pollutants through a variety of physical, biological, and chemical treatment processes. These facilities normally consist of a grass buffer strip, sand bed, ponding area, organic layer or mulch layer, planting soil, and plants. The runoff's velocity is reduced by passing over or through a sand bed and is subsequently distributed evenly along a ponding area. Exfiltration of the stored water in the bioretention area planting soil into the underlying soils occurs over a period of days.

Inspection/Maintenance Considerations

Bioretention requires frequent landscaping maintenance, including measures to ensure that the area is functioning properly, as well as maintenance of the landscaping on the practice. In many cases, bioretention areas initially require intense maintenance, but less maintenance is needed over time. In many cases, maintenance tasks can be completed by a landscaping contractor, who may already be hired at the site. In cold climates the soil may freeze, preventing runoff from infiltrating into the planting soil.

Targeted Constituents

✓	Sediment	■
✓	Nutrients	▲
✓	Trash	■
✓	Metals	■
✓	Bacteria	■
✓	Oil and Grease	■
✓	Organics	■
✓	Oxygen Demanding	■

Legend ***(Removal Effectiveness)***

- ● Low
- ▲ Medium
- ■ High

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Inspection Activities	Suggested Frequency
■ Inspect soil and repair eroded areas.	Monthly
■ Inspect for erosion or damage to vegetation, preferably at the end of the wet season to schedule summer maintenance and before major fall runoff to be sure the strips are ready for winter. However, additional inspection after periods of heavy runoff is desirable.	Semi-annual inspection
■ Inspect to ensure grass is well established. If not, either prepare soil and reseed or replace with alternative species. Install erosion control blanket.	
■ Check for debris and litter, and areas of sediment accumulation.	
■ Inspect health of trees and shrubs.	
Maintenance Activities	**Suggested Frequency**
■ Water plants daily for 2 weeks.	At project completion
■ Remove litter and debris.	Monthly
■ Remove sediment.	As needed
■ Remulch void areas.	
■ Treat diseased trees and shrubs.	
■ Mow turf areas.	
■ Repair erosion at inflow points.	
■ Repair outflow structures.	
■ Unclog underdrain.	
■ Regulate soil pH regulation.	
■ Remove and replace dead and diseased vegetation.	Semi-annual
■ Add mulch.	Annual
■ Replace tree stakes and wires.	
■ Mulch should be replaced every 2 to 3 years or when bare spots appear. Remulch prior to the wet season.	Every 2-3 years, or as needed

Additional Information

Landscaping is critical to the function and aesthetic value of bioretention areas. It is preferable to plant the area with native vegetation, or plants that provide habitat value, where possible. Another important design feature is to select species that can withstand the hydrologic regime they will experience. At the bottom of the bioretention facility, plants that tolerate both wet and dry conditions are preferable. At the edges, which will remain primarily dry, upland species will be the most resilient. It is best to select a combination of trees, shrubs, and herbaceous materials.

References

Metropolitan Council, Urban Small Sites Best Management Practices Manual. Available at: http://www.metrocouncil.org/environment/Watershed/BMP/manual.htm

Model Urban Runoff Program: A How-To Guide for Developing Urban Runoff Programs for Small Municipalities. Prepared by City of Monterey, City of Santa Cruz, California Coastal Commission, Monterey Bay National Marine Sanctuary, Association of Monterey Bay Area Governments, Woodward-Clyde, Central Coast Regional Water Quality Control Board. July, 1998, revised February, 2002.

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XIV.1. Hydrologic Source Control Fact Sheets (HSC)

HSC-1: Localized On-Lot Infiltration

'Localized on-lot infiltration' refers to the practice of collecting on-site runoff from small distributed areas within a catchment and diverting it to a dedicated on-site infiltration area. This technique can include disconnecting downspouts and draining sidewalks and patios into french drains, trenches, small rain gardens, or other surface depressions. For downspout disconnections and other impervious area disconnection involving dispersion over pervious surfaces, but without intentional ponding, see HSC-2: Impervious Area Dispersion.

Also known as:

- *Downspout infiltration*
- *Retention grading*
- *French drains*
- *On-lot rain gardens*



On-lot rain garden
Source: lowimpactdevelopment.org

Feasibility Screening Considerations

- 'Localized on-lot infiltration' shall meet infiltration infeasibility screening criteria to be considered for use.

Opportunity Criteria

- Runoff can be directed to and temporarily pond in pervious area depressions, rock trenches, or similar.
- Soils are adequate for infiltration or can be amended to provide an adequate infiltration rate.
- Shallow utilities are not present below infiltration areas.

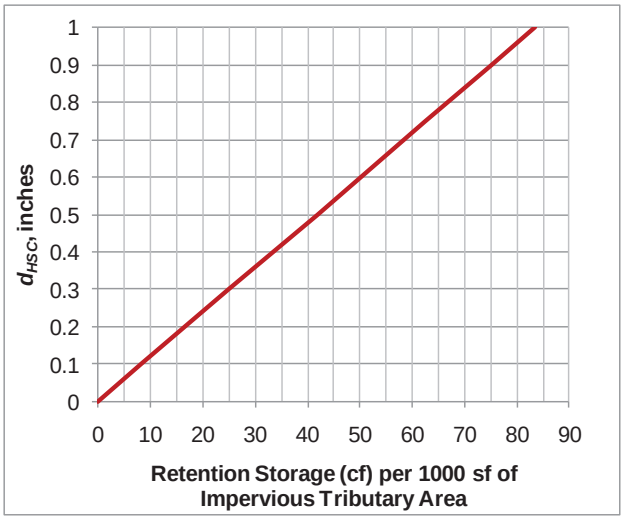
OC-Specific Design Criteria and Considerations

- ☐ A single on-lot infiltration area should not be sized to retain runoff from impervious areas greater than 4,000 sq. ft.; if the drainage area exceeds this criteria, sizing should be based on calculations for bioretention areas or infiltration trenches.
- ☐ Soils should be sufficiently permeable to eliminate ponded water within 24 hours following a 85th percentile, 24-hour storm event.
- ☐ Maximum ponding depth should be should be less than 3 inches and trench depth should be less than 1.5 feet.
- ☐ Infiltration should not be used when the depth to the mounded seasonally high table is within 5 feet of the bottom of infiltrating surface.
- ☐ Infiltration via depression storage, french drains, or rain gardens should be located greater than 8 feet from building foundations.
- ☐ Site slope should be less than 10%.
- ☐ Infiltration unit should not be located within 50 feet of slopes greater than 15 percent.
- ☐ Side slopes of rain garden or depression storage should not exceed 3H:1V.
- ☐ Effective energy dissipation and uniform flow spreading methods should be employed to prevent erosion resulting fromwater entering infiltration areas.

☐ Overflow should be located such that it does not cause erosion orand is conveyed away from structures toward the downstream conveyance and treatment system. .

Calculating HSC Retention Volume

- The retention volume provided by localized on-lot infiltration can be computed as the storage volume provided by surface ponding and the pore space within an amended soil layer or gravel trench.
- Estimate the average retention volume per 1000 square feet impervious tributary area provided by on-lot infiltration.
- Look up the storm retention depth, d_{HSC} from the chart to the right.
- The max d_{HSC} is equal to the design capture storm depth for the project site.



Configuration for Use in a Treatment Train

- Localized on-lot infiltration would typically serve as the first in a treatment train and should only be used where tributary areas do not generate significant sediment that would require pretreatment to mitigate clogging.
- The use of impervious area disconnection reduces the sizing requirement for downstream LID and/or conventional treatment control BMPs.

Additional References for Design Guidance

- LID Center – Rain Garden Design Template. http://www.lowimpactdevelopment.org/raingarden_design/
- University of Wisconsin Extension. Rain Gardens: A How-To Manual for Homeowners. http://learningstore.uwex.edu/assets/pdfs/GWQ037.pdf

HSC-2: Impervious Area Dispersion

Impervious area dispersion refers to the practice of routing runoff from impervious areas, such as rooftops, walkways, and patios onto the surface of adjacent pervious areas. Runoff is dispersed uniformly via splash block or dispersion trench and soaks into the ground as it move slowly across the surface of pervious areas. Minor ponding may occur, but it is not the intent of this practice to actively promote localized on-lot storage (See HSC-1: Localized On-Lot Infiltration).

Also known as:

- *Downspout disconnection*
- *Impervious area disconnection*
- *Sheet flow dispersion*



Simple Downspout Dispersion
Source: toronto.ca/environment/water.htm

Feasibility Screening Considerations

- Impervious area dispersion can be used where infiltration would otherwise be infeasible, however dispersion depth over landscaped areas should be limited by site-specific conditions to prevent standing water or geotechnical issues.

Opportunity Criteria

- Rooftops and other low traffic impervious surface present in drainage area.
- Soils are adequate for infiltration. If not, soils can be amended to improve capacity to absorb dispersed water (see MISC-2: Amended Soils).
- Significant pervious area present in drainage area with shallow slope
- Overflow from pervious area can be safely managed.

OC-Specific Design Criteria and Considerations

- ☐ Soils should be preserved from their natural condition or restored via soil amendments to meet minimum criteria described in Section .
- ☐ A minimum of 1 part pervious area capable of receiving flow should be provided for every 2 parts of impervious area disconnected.
- ☐ The pervious area receiving flow should have a slope ≤ 2 percent and path lengths of ≥ 20 feet per 1000 sf of impervious area.
- ☐ Dispersion areas should be maintained to remove trash and debris, loose vegetation, and protect any areas of bare soil from erosion.
- ☐ Velocity of dispersed flow should not be greater than 0.5 ft per second to avoid scour.

Calculating HSC Retention Volume

- The retention volume provided by downspout dispersion is a function of the ratio of impervious to pervious area and the condition of soils in the pervious area.
- Determine flow patterns in pervious area and estimate footprint of pervious area receiving dispersed flow. Calculate the ratio of pervious to impervious area.
- Check soil conditions using the soil condition design criteria below; amend if necessary.
- Look up the storm retention depth, d_{HSC} from the chart below.

- The max d_{HSC} is equal to the design storm depth for the project site.



[1] Pervious area used in calculation should only include the pervious area receiving flow, not pervious area receiving only direct rainfall or upslope pervious drainage.

Soil Condition Design Criteria

☐ Maximum slope of 2 percent

☐ Well-established lawn or landscaping

☐ Minimum soil amendments per criteria in MISC-2: Amended Soils.

Configuration for Use in a Treatment Train

- Impervious area disconnection is an HSC that may be used as the first element in any treatment train
- The use of impervious area disconnection reduces the sizing requirement for downstream LID and/or treatment control BMPs

Additional References for Design Guidance

- SMC LID Manual (pp 131) http://www.lowimpactdevelopment.org/guest75/pub/All_Projects/SoCal_LID_Manual/SoCalLID_Manual_FINAL_040910.pdf
- City of Portland Bureau of Environmental Services. 2010. How to manage stormwater – Disconnect Downspouts. http://www.portlandonline.com/bes/index.cfm?c=43081&a=177702
- Seattle Public Utility: http://www.cityofseattle.org/util/stellent/groups/public/@spu/@usm/documents/webcontent/spu01_006395.pdf
- Thurston County, Washington State (pp 10): http://www.co.thurston.wa.us/stormwater/manual/docs-faqs/DG-5-Roof-Runoff-Control_Rev11Jan24.pdf

HSC-3: Street Trees

By intercepting rainfall, trees can provide several aesthetic and stormwater benefits including peak flow control, increased infiltration and ET, and runoff temperature reduction. The volume of precipitation intercepted by the canopy reduces the treatment volume required for downstream treatment BMPs. Shading reduces the heat island effect as well as the temperature of adjacent impervious surfaces, over which stormwater flows, and thus reduces the heat transferred to downstream receiving waters. Tree roots also strengthen the soil structure and provide infiltrative pathways, simultaneously reducing erosion potential and enhancing infiltration.

Also known as:

- *Canopy interception*



Street trees
Source: Geosyntec Consultants

Feasibility Screening Considerations

- Not applicable

Opportunity Criteria

- Street trees can be incorporated in green streets designs along sidewalks, streets, parking lots, or driveways.
- Street trees can be used in combination with bioretention systems along medians or in traffic calming bays.
- There must be sufficient space available to accommodate both the tree canopy and root system.

OC-Specific Design Criteria and Considerations

☐ Mature tree canopy, height, and root system should not interfere with subsurface utilities, suspended powerlines, buildings and foundations, or other existing or planned structures. Required setbacks should be adhered to.

☐ Depending on space constarints, a 20 to 30 foot diameter canopy (at maturity) is recommended for stormwater mitigation.

☐ Native, drought-tolerant species should be selected in order to minimize irrigation requirements and improve the long-term viability of trees.

☐ Trees should not impede pedstrian or vehicle sight lines.

☐ Planting locations should receive adequate sunlight and wind protection; other environmental factors should be considered prior to planting.

☐ Frequency and degree of vegetation management and maintenance should be considered with respect to owner capabilities (e.g., staffing, funding, etc.).

☐ Soils should be preserved in their natural condition (if appropriate for planting) or restored via soil amendments to meet minimum criteria described in MISC-2: Amended Soils. If necessary, a landscape architect or plant biologist should be consulted.

☐ A street tree selection guide, such as that specific to the City of Los Angeles, may need to be consulted to select species appropriate for the site design constraints (e.g., parkway size, tree height, canopy spread, etc.)

☐ Infiltration should not cause geotechnical hazards related to adjacent structures (buildings,

roadways, sidewalks, utilities, etc.)

Calculating HSC Retention Volume

- The retention volume provided by streets trees via canopy interception is dependent on the tree species, time of the year, and maturity.
- To compute the retention depth, the expected impervious area covered by the full tree canopy after 4 years of growth must be computed (IA_{HSC}). The maximum retention depth credit for canopy interception (d_{HSC}) is 0.05 inches over the area covered by the canopy at 4 years of growth.

Configuration for Use in a Treatment Train

- As a HSC, street trees would serve as the first step in a treatment train by reducing the treatment volume and flow rate of a downstream treatment BMP.

Additional References for Design Guidance

- California Stormwater BMP Handbook.
  http://www.cabmphandbooks.com/Documents/Development/Section_3.pdf
- City of Los Angeles, Street Tree Division - Street Tree Selection Guide.
  http://bss.lacity.org/UrbanForestryDivision/StreetTreeSelectionGuide.htm
- Portland Stormwater Management Manual.
  http://www.portlandonline.com/bes/index.cfm?c=35122&a=55791
- San Diego County – Low Impact Development Fact Sheets.
  http://www.sdcounty.ca.gov/dplu/docs/LID-Appendices.pdf

Help Protect Our Waterways!

Use these guidelines for Outdoor Cleaning Activities and Wash Water Disposal

Did you know that disposing of pollutants into the street, gutter, storm drain or body of water is *PROHIBITED* by law and can result in stiff penalties?

Best Management Practices

Waste wash water from Mechanics, Plumbers, Window/Power Washers, Carpet Cleaners, Car Washing and Mobile Detailing activities may contain significant quantities of motor oil, grease, chemicals, dirt, detergents, brake pad dust, litter and other materials.

Best Management Practices, or BMPs as they are known, are guides to prevent pollutants from entering the storm drains. ***Each of us*** can do our part to keep stormwater clean by using the suggested BMPs below:

Simple solutions for both light and heavy duty jobs:

Do...consider dry cleaning methods first such as a mop, broom, rag or wire brush. Always keep a spill response kit on site.

Do...prepare the work area before power cleaning by using sand bags, rubber mats, vacuum booms, containment pads or temporary berms to keep wash water away from the gutters and storm drains.

Do...use vacuums or other machines to remove and collect loose debris or litter before applying water.

Do...obtain the property owner's permission to dispose of ***small amounts*** of power washing waste water on to landscaped, gravel or unpaved surfaces.

Do...check your local sanitary sewer agency's policies on wash water disposal regulations before disposing of wash water into the sewer. (See list on reverse side)

Do...be aware that if discharging to landscape areas, soapy wash water may damage landscaping. Residual wash water may remain on paved surfaces to evaporate. Sweep up solid residuals and dispose of properly. Vacuum booms are another option for capturing and collecting wash water.

Do...check to see if local ordinances prevent certain activities.

Do not let...wash or waste water from sidewalk, plaza or building cleaning go into a street or storm drain.



Report illegal storm drain disposal
Call Toll Free
1-800-506-2555

Using Cleaning Agents

Try using biodegradable/phosphate-free products. They are easier on the environment, but don't confuse them with being toxic free. Soapy water entering the storm drain system can impact the delicate aquatic environment.



When cleaning surfaces with a ***high-pressure washer*** or ***steam cleaner***, additional precautions should be taken to prevent the discharge of pollutants into the storm drain system. These two methods of surface cleaning can loosen additional material that can contaminate local waterways.

Think Water Conservation

Minimize water use by using high pressure, low volume nozzles. Be sure to check all hoses for leaks. Water is a precious resource, don't let it flow freely and be sure to shut it off in between uses.

Screening Wash Water

Conduct thorough dry cleanup before washing exterior surfaces, such as buildings and decks ***with loose paint***, sidewalks or plaza areas. Keep debris from entering the storm drain after cleaning by first passing the wash water through a "20 mesh" or finer screen to catch the solid materials, then dispose of the mesh in a refuse container. Do not let the remaining wash water enter a street, gutter or storm drain.

Drain Inlet Protection & Collection of Wash Water

- Prior to any washing, block all storm drains with an impervious barrier such as sandbags or berms, or seal the storm drain with plugs or other appropriate materials.
- Create a containment area with berms and traps or take advantage of a low spot to keep wash water contained.
- Wash vehicles and equipment on grassy or gravel areas so that the wash water can seep into the ground.
- Pump or vacuum up all wash water in the contained area.

Concrete/Coring/Saw Cutting and Drilling Projects

Protect any down-gradient inlets by using dry activity techniques whenever possible. If water is used, minimize the amount of water used during the coring/drilling or saw cutting process. Place a barrier of sandbags and/or absorbent berms to protect the storm drain inlet or watercourse. Use a shovel or wet vacuum to remove the residue from the pavement. Do not wash residue or particulate matter into a storm drain inlet or watercourse.

Helpful telephone numbers and links:

Riverside County Stormwater Protection Partners

Flood Control District	(951) 955-1200
County of Riverside	(951) 955-1000
City of Banning	(951) 922-3105
City of Beaumont	(951) 769-8520
City of Calimesa	(909) 795-9801
City of Canyon Lake	(951) 244-2955
Cathedral City	(760) 770-0327
City of Coachella	(760) 398-4978
City of Corona	(951) 736-2447
City of Desert Hot Springs	(760) 329-6411
City of Eastvale	(951) 361-0900
City of Hemet	(951) 765-2300
City of Indian Wells	(760) 346-2489
City of Indio	(760) 391-4000
City of Lake Elsinore	(951) 674-3124
City of La Quinta	(760) 777-7000
City of Menifee	(951) 672-6777
City of Moreno Valley	(951) 413-3000
City of Murrieta	(951) 304-2489
City of Norco	(951) 270-5607
City of Palm Desert	(760) 346-0611
City of Palm Springs	(760) 323-8299
City of Perris	(951) 943-6100
City of Rancho Mirage	(760) 324-4511
City of Riverside	(951) 361-0900
City of San Jacinto	(951) 654-7337
City of Temecula	(951) 694-6444
City of Wildomar	(951) 677-7751

REPORT ILLEGAL STORM DRAIN DISPOSAL
1-800-506-2555 or e-mail us at
fcnpdes@rcflood.org

- Riverside County Flood Control and Water Conservation District
  www.rcflood.org

Online resources include:

- California Storm Water Quality Association
  www.casqa.org
- State Water Resources Control Board
  www.waterboards.ca.gov
- Power Washers of North America
  www.thepwna.org

Stormwater Pollution

What you should know for...

Outdoor Cleaning Activities and Professional Mobile Service Providers



Storm drain pollution prevention information for:

- Car Washing / Mobile Detailers
- Window and Carpet Cleaners
- Power Washers
- Waterproofers / Street Sweepers
- Equipment cleaners or degreasers and all mobile service providers

Do you know where street flows actually go?

Storm drains are NOT connected to sanitary sewer systems and treatment plants!



The primary purpose of storm drains is to carry *rain* water away from developed areas to prevent flooding. Pollutants discharged to storm drains are transported directly into rivers, lakes and streams. Soaps, degreasers, automotive fluids, litter and a host of materials are washed off buildings, sidewalks, plazas and parking areas. Vehicles and equipment must be properly managed to prevent the pollution of local waterways.

Unintentional spills by mobile service operators can flow into storm drains and pollute our waterways. **Avoid mishaps.** *Always* have a **Spill Response Kit** on hand to clean up unintentional spills. Only emergency **Mechanical** repairs should be done in City streets, using drip pans for spills. **Plumbing** should be done on private property. Always store chemicals in a leak-proof container and keep covered when not in use. **Window/Power Washing** waste water shouldn't be released into the streets, but should be disposed of in a sanitary sewer, landscaped area or in the soil. Soiled **Carpet Cleaning** wash water should be filtered before being discharged into the sanitary sewer. Dispose of all filter debris properly. **Car Washing/Detailing** operators should wash cars on private property and use a regulated hose nozzle for water flow control and runoff prevention. Capture and dispose of waste water and chemicals properly. Remember, storm drains are for receiving rain water runoff only.

REPORT ILLEGAL STORM DRAIN DISPOSAL 1-800-506-2555



Why is stormwater runoff a problem?



Stormwater can pick up debris, chemicals, dirt, and other pollutants and flow into a storm sewer system or directly to a lake, stream, river, wetland, or coastal water. Anything that enters a storm sewer system is discharged untreated into the waterbodies we use for swimming, fishing, and providing drinking water.

What is stormwater runoff?



Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground.

The effects of pollution



Polluted stormwater runoff can have many adverse effects on plants, fish, animals, and people.

- Sediment can cloud the water and make it difficult or impossible for aquatic plants to grow. Sediment also can destroy aquatic habitats.
- Excess nutrients can cause algae blooms. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels.
- Bacteria and other pathogens can wash into swimming areas and create health hazards, often making beach closures necessary.
- Debris—plastic bags, six-pack rings, bottles, and cigarette butts—washed into waterbodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds.
- Household hazardous wastes like insecticides, pesticides, paint, solvents, used motor oil, and other auto fluids can poison aquatic life. Land animals and people can become sick or die from eating diseased fish and shellfish or ingesting polluted water.
- Polluted stormwater often affects drinking water sources. This, in turn, can affect human health and increase drinking water treatment costs.





After the Storm

WHEN IT RAINS IT DRAINS

For more information contact:

or visit
www.epa.gov/npdes/stormwater
www.epa.gov/nps

EPA United States Environmental Protection Agency

EPA 833-B-03-002

January 2003

Internet Address (URL) • HTTP://www.epa.gov
Recycled/Recyclable • Printed With Vegetable Oil Based Inks on 100% Postconsumer, Process Chlorine Free Recycled Paper

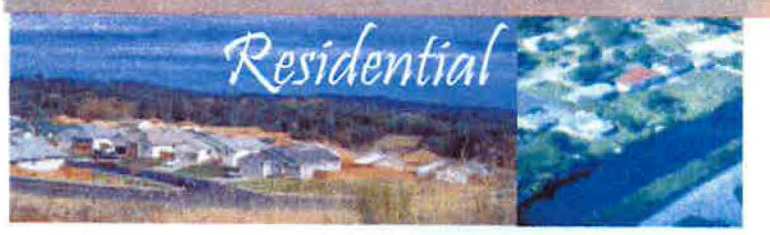
THE YEAR OF CLEAN WATER

A Citizen's Guide to Understanding Stormwater

WHEN IT RAINS IT DRAINS

Stormwater Pollution Solutions

Residential



Recycle or properly dispose of household products that contain chemicals, such as insecticides, pesticides, paint, solvents, and used motor oil and other auto fluids. Don't pour them onto the ground or into storm drains.

Lawn care



Excess fertilizers and pesticides applied to lawns and gardens wash off and pollute streams. In addition, yard clippings and leaves can wash into storm drains and contribute nutrients and organic matter to streams.

- Don't overwater your lawn. Consider using a soaker hose instead of a sprinkler.
- Use pesticides and fertilizers sparingly. When use is necessary, use these chemicals in the recommended amounts. Use organic mulch or safer pest control methods whenever possible.
- Compost or mulch yard waste. Don't leave it in the street or sweep it into storm drains or streams.
- Cover piles of dirt or mulch being used in landscaping projects.

Septic systems



Leaking and poorly maintained septic systems release nutrients and pathogens (bacteria and viruses) that can be picked up by stormwater and discharged into nearby waterbodies. Pathogens can cause public health problems and environmental concerns.

- Inspect your system every 3 years and pump your tank as necessary (every 3 to 5 years).
- Don't dispose of household hazardous waste in sinks or toilets.

Auto care



Washing your car and degreasing auto parts at home can send detergents and other contaminants through the storm sewer system. Dumping automotive fluids into storm drains has the same result as dumping the materials directly into a waterbody.

- Use a commercial car wash that treats or recycles its wastewater, or wash your car on your yard so the water infiltrates into the ground.
- Repair leaks and dispose of used auto fluids and batteries at designated drop-off or recycling locations.

Pet waste



Pet waste can be a major source of bacteria and excess nutrients in local waters.

- When walking your pet, remember to pick up the waste and dispose of it properly. Flushing pet waste is the best disposal method. Leaving pet waste on the ground increases public health risks by allowing harmful bacteria and nutrients to wash into the storm drain and eventually into local waterbodies.



Education is essential to changing people's behavior. Signs and markers near storm drains warn residents that pollutants entering the drains will be carried untreated into a local waterbody.

Residential landscaping

Permeable Pavement—Traditional concrete and asphalt don't allow water to soak into the ground. Instead these surfaces rely on storm drains to divert unwanted water. Permeable pavement systems allow rain and snowmelt to soak through, decreasing stormwater runoff.



Rain Barrels—You can collect rainwater from rooftops in mosquito-proof containers. The water can be used later on lawn or garden areas.

Rain Gardens and Grassy Swales—Specially designed areas planted with native plants can provide natural places for rainwater to collect and soak into the ground. Rain from rooftop areas or paved areas can be diverted into these areas rather than into storm drains.



Vegetated Filter Strips—Filter strips are areas of native grass or plants created along roadways or streams. They trap the pollutants stormwater picks up as it flows across driveways and streets.

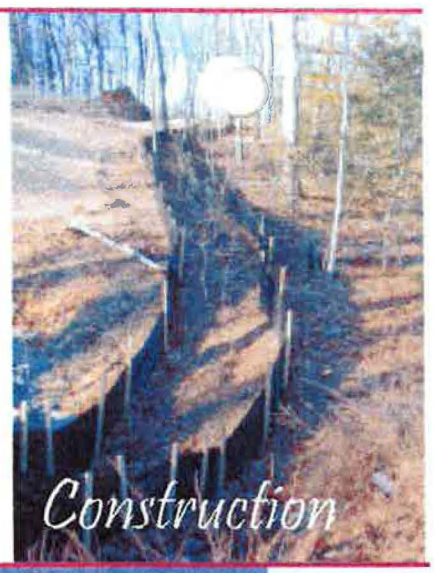


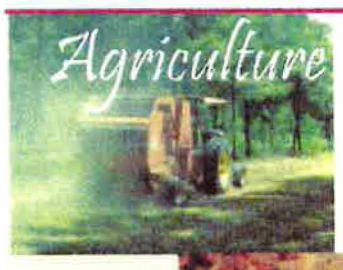
Dirt, oil, and debris that collect in parking lots and paved areas can be washed into the storm sewer system and eventually enter local waterbodies.

- Sweep up litter and debris from sidewalks, driveways and parking lots, especially around storm drains.
- Cover grease storage and dumpsters and keep them clean to avoid leaks.
- Report any chemical spill to the local hazardous waste cleanup team. They'll know the best way to keep spills from harming the environment.

Erosion controls that aren't maintained can cause excessive amounts of sediment and debris to be washed into the stormwater system. Construction vehicles can leak fuel, oil, and other harmful fluids that can be picked up by stormwater and deposited into local waterbodies.

- Divert stormwater away from disturbed or exposed areas of the construction site.
- Install silt fences, vehicle mud removal areas, vegetative cover, and other sediment and erosion controls and properly maintain them, especially after rainstorms.
- Prevent soil erosion by minimizing disturbed areas during construction projects, and seed and mulch bare areas as soon as possible.

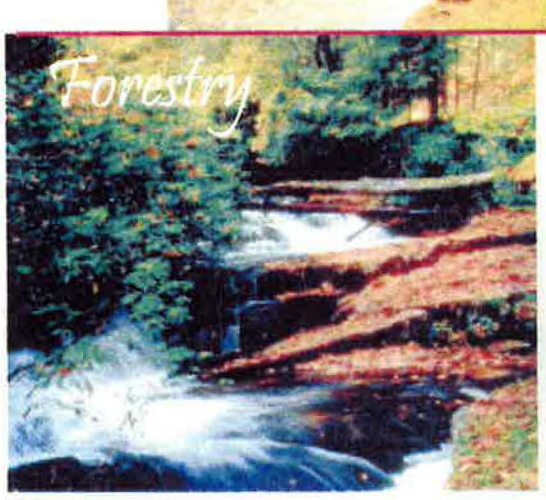






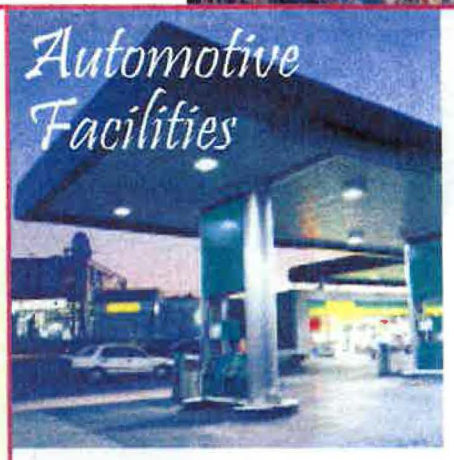
Lack of vegetation on streambanks can lead to erosion. Overgrazed pastures can also contribute excessive amounts of sediment to local waterbodies. Excess fertilizers and pesticides can poison aquatic animals and lead to destructive algae blooms. Livestock in streams can contaminate waterways with bacteria, making them unsafe for human contact.

- Keep livestock away from streambanks and provide them a water source away from waterbodies.
- Store and apply manure away from waterbodies and in accordance with a nutrient management plan.
- Vegetate riparian areas along waterways.
- Rotate animal grazing to prevent soil erosion in fields.
- Apply fertilizers and pesticides according to label instructions to save money and minimize pollution.



Improperly managed logging operations can result in erosion and sedimentation.

- Conduct preharvest planning to prevent erosion and lower costs.
- Use logging methods and equipment that minimize soil disturbance.
- Plan and design skid trails, yard areas, and truck access roads to minimize stream crossings and avoid disturbing the forest floor.
- Construct stream crossings so that they minimize erosion and physical changes to streams.
- Expedite revegetation of cleared areas.



Uncovered fueling stations allow spills to be washed into storm drains. Cars waiting to be repaired can leak fuel, oil, and other harmful fluids that can be picked up by stormwater.

- Clean up spills immediately and properly dispose of cleanup materials.
- Provide cover over fueling stations and design or retrofit facilities for spill containment.
- Properly maintain fleet vehicles to prevent oil, gas, and other discharges from being washed into local waterbodies.
- Install and maintain oil/water separators.

Resources

State Water Resources Control Board
Division of Water Quality
1001 I Street
Sacramento CA 95814
(916) 341-5455
www.swrcb.ca.gov/stormwtr/

Colorado River Basin Regional Water
Quality Control Board - Region 7
73-720 Fred Waring Drive, Suite 100
Palm Desert, CA 92260
(760) 346-7491
www.swrcb.ca.gov/~rwqcb7/

Santa Ana Regional Water
Quality Control Board - Region 8
3737 Main Street, Suite 500
Riverside, CA 92501-3348
(909) 782-4130
www.swrcb.ca.gov/~rwqcb8/

San Diego Regional Water
Quality Control Board - Region 9
9771 Clairemont Mesa Blvd., Suite A
San Diego, CA 92124
(858) 467-2952
www.swrcb.ca.gov/~rwqcb9/

To report a hazardous materials spill, call:

Riverside County Hazardous Materials
Emergency Response Team
(909) 358-5055 8:00 a.m. – 5:00 p.m.
(909) 358-5245 after 5:00 p.m.

In an emergency call: **911**

For recycling and hazardous waste disposal, call:

(909) 358-5055

To report an illegal dumping or a clogged storm drain, call:

1-800-506-2555

To order additional brochures or to obtain information on other pollution prevention activities, please call (909) 955-1200 or visit the StormWater/CleanWater Protection Program website at:
www.co.riverside.ca.us/depts/flood/waterquality npdes.asp

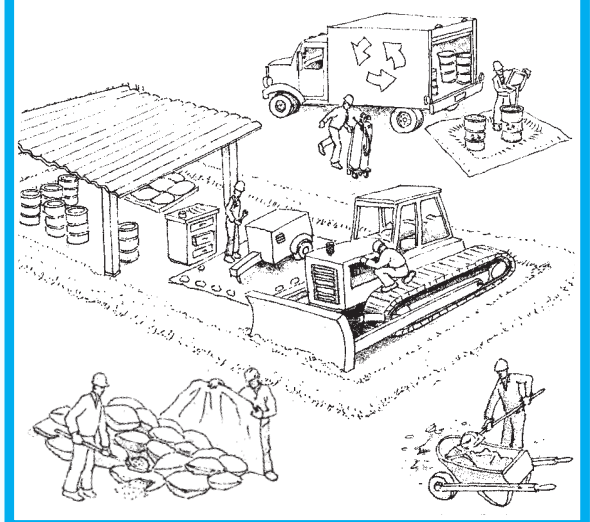
StormWater CleanWater
PROTECTION PROGRAM

The StormWater/CleanWater Protection Program gratefully acknowledges the Santa Clara Valley Nonpoint Pollution Control Program, Alameda Countywide CleanWater Program and the City of Los Angeles Stormwater Management Division for information provided in this brochure.

StormWater Pollution

What you should know for...

GENERAL CONSTRUCTION & SITE SUPERVISION



Best Management Practices (BMPs) for:

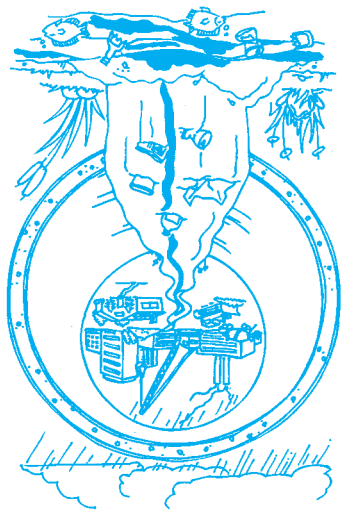
- Developers
- General Contractors
- Home Builders
- Construction Inspectors
- Anyone in the construction business

StormWater Pollution . . . What You Should Know

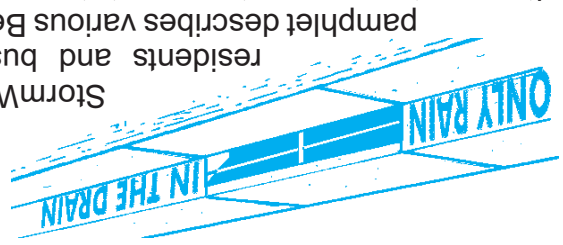
Riverside County has two drainage systems - sewers and storm drains. The storm drain system was designed to reduce flooding by carrying excess rainwater away from streets and developed areas. Since the storm drain system does not provide for water treatment, it also serves the *unintended* function of transporting pollutants directly to our local waterways.

Unlike sanitary sewers, storm drains are not connected to a wastewater treatment plant – they flow directly to our local streams, rivers and lakes.

Stormwater runoff is a part of the natural hydrologic process. However, land development and construction activities can significantly alter natural drainage processes and introduce pollutants into stormwater runoff. Polluted stormwater runoff from construction sites has been identified as a major source of water pollution in California. It jeopardizes the quality of our local waterways and can pose a serious threat to the health of our aquatic ecosystems.



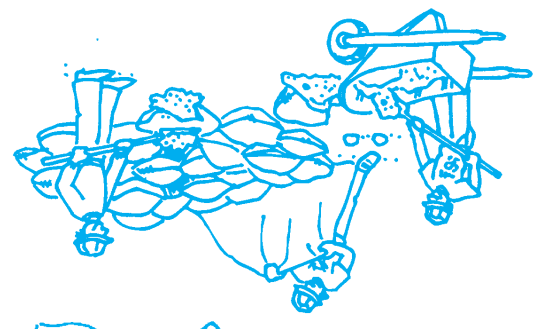
The Cities and County of Riverside StormWater/CleanWater Protection Program

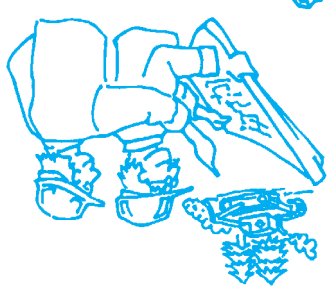


Because preventing pollution is much easier and less costly than cleaning up "after the fact," the Cities and County of Riverside StormWater/CleanWater Protection Program informs residents and businesses on pollution prevention activities. This pamphlet describes various Best Management Practices (BMPs) that construction site operators can use to prevent stormwater pollution.

In accordance with applicable federal and state law, the Cities and County of Riverside have adopted ordinances for stormwater management and discharge control that **prohibit** the discharge of pollutants into the storm drain system or local surface water. This includes discharges from construction sites containing sediment, concrete, mortar, paint, solvents, lubricants, vehicle fluids, fuel, pesticides, and construction debris.

PLEASE NOTE: The Federal, State and local regulations strictly prohibit the discharge of sediment and pollutants into the streets, the storm drain system or waterways. As an owner, operator or supervisor of a construction site, you may be held financially responsible for any environmental damage caused by your subcontractors or employees.





STORMWATER POLLUTION FROM CONSTRUCTION ACTIVITIES

The two most common sources of stormwater pollution problems associated with construction activities are ***erosion*** and ***sedimentation***. Failure to maintain adequate erosion and sediment controls at construction sites often results in sediment discharges into the storm drain system, creating multiple problems once it enters local waterways.

Construction vehicles and heavy equipment can also track significant amounts of mud and sediment onto adjacent streets. Additionally, wind may transport construction materials and wastes into streets storm drains, or directly into our local waterways.

What Should You Do?

Advance Planning to Prevent Pollution

- ❑ Remove existing vegetation only as needed.
- ❑ Schedule excavation, grading, and paving operations for dry weather periods, if possible.
- ❑ Designate a specific area of the construction site, well away from storm drain inlets or watercourses, for material storage and equipment maintenance.
- ❑ Develop and implement an effective combination of erosion and sediment controls for the construction site.
- ❑ Practice source reduction by ordering only the amount of materials that are needed to finish the project.
- ❑ Educate your employees and subcontractors about stormwater management requirements and their pollution prevention responsibilities.
- ❑ Control the amount of surface runoff at the construction site by impeding internally generated flows and using berms or drainage ditches to direct incoming offsite flows to go around the site. ***Note:*** *Consult local drainage policies for more information.*

Best Management Practices

The following Best Management Practices (BMPs) can significantly reduce pollutant discharges from your construction site. Compliance with stormwater regulations can be as simple as minimizing stormwater contact with potential pollutants by providing covers and secondary containment for construction materials, designating areas away from storm drain systems for storing equipment and materials and implementing good housekeeping practices at the construction site.

- ❑ Protect all storm drain inlets and streams located near the construction site to prevent sediment-laden water from entering the storm drain system.
- ❑ Limit access to and from the site. Stabilize construction entrances/exits to minimize the track out of dirt and mud onto adjacent streets. Conduct frequent street sweeping.
- ❑ Protect stockpiles and construction materials from winds and rain by storing them under a roof, secured impermeable tarp or plastic sheeting.
- ❑ Avoid storing or stockpiling materials near storm drain inlets, gullies or streams.
- ❑ Phase grading operations to limit disturbed areas and duration of exposure.
- ❑ Perform major maintenance and repairs of vehicles and equipment offsite.
- ❑ Wash out concrete mixers only in designated washout areas at the construction site.
- ❑ Set-up and operate small concrete mixers on tarps or heavy plastic drop cloths.
- ❑ Keep construction sites clean by removing trash, debris, wastes, etc. on a regular basis.
- ❑ Clean-up spills immediately using dry clean-up methods (e.g., absorbent materials such as cat litter, sand or rags for liquid spills; sweeping for dry spills such as cement, mortar or fertilizer) and by removing the contaminated soil from spills on dirt areas. .
- ❑ Prevent erosion by implementing any or a combination of soil stabilization practices such as mulching, surface roughening, permanent or temporary seeding.
- ❑ Maintain all vehicles and equipment in good working condition. Inspect frequently for leaks, and repair promptly.
- ❑ Practice proper waste disposal. Many construction materials and wastes, including solvents, water-based paint, vehicle fluids, broken asphalt and concrete, wood, and cleared vegetation can be recycled. Materials that cannot be recycled must be taken to an appropriate landfill or disposed of as hazardous waste.
- ❑ Cover open dumpsters with secured tarps or plastic sheeting. Never clean out a dumpster by washing it down on the construction site.
- ❑ Arrange for an adequate debris disposal schedule to insure that dumpsters do not overflow.

General Construction Activities Stormwater Permit

(Construction Activities General Permit)

The State Water Resources Control Board (SWRCB) adopted a new Construction Activities General Permit (WQ Order No. 99-08DWQ) on August 19, 1999, superseding the now expired SWRCB statewide General Permit (WQ Order No. 92-08DWQ). This permit is administered and enforced by the SWRCB and the local Regional Water Quality Control Boards (RWQCB). The updated Construction Activities General Permit establishes a number of new stormwater management requirements for construction site operator.

NOTE: *Some construction activies stormwater permits are issued on a regional basis. Consult your local RWQCB to find out if your project requires coverage under any of these permits.*

Frequently Asked Questions:

Does my construction site require coverage under the Construction Activities General Permit?

Yes, if construction activity results in the disturbance of five or more acres of total land area or is part of a common plan of development that results in the disturbance of five or more acres.

How do I obtain coverage under the Construction Activities General Permit?

Obtain the permit package and submit the completed Notice of Intent (NOI) form to the SWRCB prior to grading or disturbing soil at the construction site. For ongoing construction activity involving a change of ownership, the new owner must submit a new NOI within 30 days of the date of change of ownership. The completed NOI along with the required fee should be mailed to the SWRCB.

What must I do to comply with the requirements of the Construction Activities General Permit?

- ● Implement BMPs for non-stormwater discharges year-round.
- ● Prepare and implement a Stormwater Pollution Prevention Plan (SWPPP) prior to commencing construction activities.
- ● Keep a copy of the SWPPP at the construction site for the entire duration of the project.
- ● Calculate the anticipated stormwater run-off.
- ● Implement an effective combination of erosion and sediment control on all soil disturbed areas.
- ● Conduct site inspections prior to anticipated storm events, every 24-hours during extended storm events, and after actual storm event.
- ● Perform repair and maintenance of BMPs as soon as possible after storm events depending upon worker safety.
- ● Update the SWPPP as needed, to manage pollutants or reflect changes in site conditions.
- ● Include description of post construction BMPs at the construction site, including parties responsible for long-term maintenance.

NOTE: *Please refer to the Construction Activities General Permit for detailed information. You may contact the SWRCB, your local RWQCB, or visit the SWRCB website at www.swrcb.ca.gov/stormwtr/ to obtain a State Construction Activities Stormwater General Permit packet.*

How long is this Construction Activities General Permit in effect?

The Permit coverage stays in effect untilyou submit a Notice of Termination (NOT) to the SWRCB. For the purpose of submitting a NOT, all soil disturbing activities have to be completed and one of the three following criteria has to be met:

1. Change of ownership;
2. A uniform vegetative cover with 70 percent coverage has been established; or,
3. Equivalent stabilization measures such as the use of reinforced channel liners, soil cement, fiber matrices, geotextiles, etc., have been employed.

For Information:

For more information on the General Industrial Storm Water Permit contact:

State Water Resources Control Board (SWRCB)
(916) 657-1146 or www.swrcb.ca.gov/ or, at your Regional Water Quality Control Board (RWQCB).

Santa Ana Region (8)
California Tower
3737 Main Street, Ste. 500
Riverside, CA 92501-3339
(909) 782-4130

San Diego Region (9)
9771 Clairemont Mesa Blvd., Ste. A
San Diego, CA 92124
(619) 467-2952

Colorado River Basin Region (7)
73-720 Fred Waring Dr., Ste. 100
Palm Desert, CA 92260
(760) 346-7491

SPILL RESPONSE AGENCY:
HAZ-MAT: (909) 358-5055
HAZARDOUS WASTE DISPOSAL: (909) 358-5055
RECYCLING INFORMATION: 1-800-366-SAVE
TO REPORT ILLEGAL DUMPING OR A CLOGGED STORM DRAIN: 1-800-506-2555

To order additional brochures or to obtain information on other pollution prevention activities, call:
(909) 955-1111.

StormWater
CleanWater
PROTECTION PROGRAM

Riverside County gratefully acknowledges the State Water Quality Control Board and the American Public Works Association, Storm Water Quality Task Force for the information provided in this brochure.

DID YOU KNOW . . .

YOUR FACILITY MAY NEED A STORM WATER PERMIT?



Many industrial facilities and manufacturing operations must obtain coverage under the Industrial Activities Storm Water General Permit

FIND OUT IF YOUR FACILITY MUST OBTAIN A PERMIT

StormWater Pollution . . . What you should know

Riverside County has two drainage systems - sanitary sewers and storm drains. The storm drain system is designed to help prevent flooding by carrying excess rainwater away from streets. Since the storm drain system does not provide for water treatment, it also serves the *unintended* function of transporting pollutants directly to our waterways.

Unlike sanitary sewers, storm drains are not connected to a treatment plant - they flow directly to our local streams, rivers and lakes.



In recent years, awareness of the need to protect water quality has increased. As a result, federal, state, and local programs have been established to reduce polluted stormwater discharges to our waterways. The emphasis of these programs is to prevent stormwater pollution since it's much easier, and less costly, than cleaning up "after the fact."

National Pollutant Discharge Elimination System (NPDES)

In 1987, the Federal Clean Water Act was amended to establish a framework for regulating industrial stormwater discharges under the NPDES permit program. In California, NPDES permits are issued by the State Water Resources Control Board (SWRCB) and the nine (9) Regional Water Quality Control Boards (RWQCB). In general, certain industrial facilities and manufacturing operations must obtain coverage under the Industrial Activities Storm Water General Permit if the type of facilities or operations falls into one of the several categories described in this brochure.

How Do I Know If I Need A Permit?

Following are ***general descriptions*** of the industry categories types that are regulated by the Industrial Activities Storm Water General Permit. Contact your local Region Water Quality Control Board to determine if your facility/operation requires coverage under the Permit.

➜ Facilities such as cement manufacturing; feedlots; fertilizer manufacturing; petroleum refining; phosphate manufacturing; steam electric power generation; coal mining; mineral mining and processing; ore mining and dressing; and asphalt emulsion;

➜ Facilities classified as lumber and wood products (except wood kitchen cabinets); pulp, paper, and paperboard mills; chemical producers (except some pharmaceutical and biological products); petroleum and coal products; leather production and products; stone, clay and glass products; primary metal industries; fabricated structural metal; ship and boat building and repairing;

➜ Active or inactive mining operations and oil and gas exploration, production, processing, or treatment operations;

➜ Hazardous waste treatment, storage, or disposal facilities;

➜ Landfills, land application sites and open dumps that receive or have received any industrial waste; unless there is a new overlying land use such as a golf course, park, etc., and there is no discharge associated with the landfill;

➜ Facilities involved in the recycling of materials, including metal scrap yards, battery reclaimers, salvage yards, and automobile junkyards;

➜ Steam electric power generating facilities, facilities that generate steam for electric power by combustion;

➜ Transportation facilities that have vehicle maintenance shops, fueling facilities, equipment cleaning operations, or airport deicing operations. This includes school bus maintenance facilities operated by a school district;

➜ Sewage treatment facilities;

➜ Facilities that have areas where material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water.

How do I obtain coverage under the Industrial Activities Storm Water General Permit?

Obtain a permit application package from your local Regional Water Quality Control Board listed on the back of this brochure or the State Water Resources Control Board (SWRCB). Submit a completed Notice of Intent (NOI) form, site map and the appropriate fee ($250 or $500) to the SWRCB. Facilities must submit an NOI thirty (30) days prior to beginning operation. Once you submit the NOI, the State Board will send you a letter acknowledging receipt of your NOI and will assign your facility a waste discharge identification number (WDID No.). You will also receive an annual fee billing. These billings should roughly coincide with the date the State Board processed your original NOI submittal.

What are the requirements of the Industrial Activities Storm Water General Permit?

The basic requirements of the Permit are:

1. The facility must eliminate any non-stormwater discharges or obtain a separate permit for such discharges.

2. The facility must develop and implement a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP must identify sources of pollutants that may be exposed to stormwater. Once the sources of pollutants have been identified, the facility operator must develop and implement Best Management Practices (BMPs) to minimize or prevent polluted runoff.

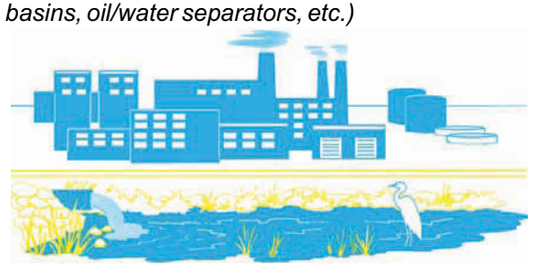
   Guidance in preparing a SWPPP is available from a document prepared by the California Storm Water Quality Task Force called the California Storm Water Best Management Practice Handbook.

3. The facility must develop and implement a Monitoring Program that includes conducting visual observations and collecting samples of the facility's storm water discharges associated with industrial activity. The General Permit requires that the analysis be conducted by a laboratory that is certified by the State of California.

4. The facility must submit to the Regional Board, every July 1, an annual report that includes the results of its monitoring program.

A Non-Storm Water Discharge is... *any discharge to a storm drain system that is not composed entirely of storm water. The following non-storm water discharges are authorized by the General Permit: fire hydrant flushing; potable water sources, including potable water related to the operation, maintenance, or testing of potable water systems; drinking fountain water; atmospheric condensates including refrigeration, air conditioning, and compressor condensate; irrigation drainage; landscape watering; springs; non-contaminated ground water; foundation or footing drainage; and sea water infiltration where the sea waters are discharged back into the sea water source.*

A BMP is . . . *a technique, process, activity, or structure used to reduce the pollutant content of a storm water discharge. BMPs may include simple, non-structural methods such as good housekeeping, staff training and preventive maintenance. Additionally, BMPs may include structural modifications such as the installation of berms, canopies or treatment control (e.g. setting basins, oil/water separators, etc.)*



WARNING*: There are significant penalties for non-compliance: a minimum fine of $5,000 for failing to obtain permit coverage, and, up to $10,000 per day, per violation plus $10 per gallon of discharge in excess of 1,000 gallons.*

NorCal Engineering

Soils and Geotechnical Consultants
10641 Humbolt Street Los Alamitos, CA 90720
(562) 799-9469 Fax (562) 799-9459

June 23, 2022 Project Number 23007-21

Patriot Partners
12126 W. Sunset Boulevard
Los Angeles, California 90049-4145

Attn: Kevin Rice

RE: **Supplemental Soil Infiltration Study** - Proposed Industrial Warehouse Development - Located at the Southeast Corner of Valley Boulevard and Willow Avenue, in the City of Rialto, California

Dear Mr. Rice:

Pursuant to your request, this firm has performed a Supplemental Soil Infiltration Study for the above referenced project in accordance with your approval of our proposal dated April 22, 2022. The purpose of this study is to further evaluate the feasibility of an on-site water disposal system for the proposed industrial development. The test locations and depths were provided by Huitt-Zollars, Inc., as shown on the attached plan. The scope of work included the following: 1) site reconnaissance; 2) subsurface geotechnical exploration; 3) soil infiltration testing; 4) engineering analysis of field and laboratory data; and 5) preparation of a report.

The 6.19-acre subject property is located at the southeast Corner of West Valley Boulevard and South Willow Avenue, bordered by South Alicia Avenue to the east and the I-10 Freeway to the south, in the City of Rialto. The generally rectangular shaped parcel is elongated in an east to west direction and is relatively level with topography of the property descending gradually from north to south on the order of a few feet. The northwest corner of the site is currently occupied by four small metal buildings with areas of asphaltic pavement currently being utilized for tractor/trailer storage.

The northeast corner of the site is currently occupied by a single-story commercial building with asphaltic pavement and associated improvements. The south end of the site is currently occupied by an abandoned metal building and asphaltic pavement, a large billboard is situated on the southwest corner of the site with a small, single-story structure.

It is proposed to construct an industrial warehouse development consisting of 143,674 square feet building on the 6.19-acre site as shown on the attached Site Plan. The proposed concrete tilt-up building will be supported by a conventional slab-on-grade foundation system with perimeter-spread footings and isolated interior footings. Other improvements will include asphalt and concrete pavement areas, hardscape and landscaping.

The proposed grading will consist of minor cuts and fill procedures to achieve finished grade elevations. Final building plans shall be reviewed by this firm prior to submittal for city approval to determine the need for any additional study and revised recommendations pertinent to the proposed development, if necessary.

Field Exploration and Testing

The field exploration consisted of two (2) exploratory borings by a truckmounted hollow stem auger to depths of 10 and 15 feet below the ground surface (bgs) to determine the subsurface soil conditions. The site was found to be underlain by a fill and alluvial deposits consisting of a brown, fine to coarse grained, silty to slightly silty SAND with gravel and occasional cobble. The native soils were noted to be medium dense and dry to damp. No groundwater was encountered to the depth of our borings. The location of the exploratory borings are shown on the attached Site Plan. Detailed description of the subsurface soils is shown on the attached boring logs in Appendix A.

Results of Field Infiltration Tests

Infiltration tests within the site were performed to provide preliminary infiltration rates for the purpose of planning and design of an on-site water disposal system. A truck mounted Simco 2800 Drill Rig equipped with a hollow stem auger was used to excavate the exploratory borings to depths of 10 and 15 feet below existing ground surface. The borings consisted of eight-inch diameter test holes. A three-inch diameter perforated PVC casing with solid end cap was installed in the borings and then surrounded with gravel materials to prevent caving.

The infiltration holes were carefully filled with clean water and refilled after two initial readings. Based upon the initial rates of infiltration at each location, test measurements were measured at 10-minute maximum intervals thereafter. Measurements were obtained by using an electronic tape measure with 1/16-inch divisions and timed with a stopwatch.

The field infiltration rate was computed using a reduction factor – R_f based on the field measurements with our calculations given in Appendix B. Based upon the results of our testing, the soils encountered in the planned on-site drainage disposal system area exhibit the following infiltration rates.

Boring/Test No.	Depth	Soil Classification	Field Infiltration Rate
B-1/TH-1	10'	Slightly Silty SAND	5.8 in/hr
B-2/TH-2	15'	Slightly Silty SAND	6.6 in/hr

The correction factors CF_t, CF_v and CF_s are given below based on soils from our field test.

a) CF_v = 1.0 based on uniform soils encountered for infiltration tests

b) CF_s = 2.0 for long-term siltation, plugging and maintenance. The subsurface soils are likely to have some plugging and regular maintenance of storm water discharge devices is required.

All systems must meet the latest city and/or county specifications and the California Regional Water Quality Control Board (CRWQCB) requirements. It is recommended that foundations shall be setback a minimum distance of 10 feet from the drainage disposal system and the bottom of footing shall be a minimum of 10 feet from the expected zone of saturation. The boundary of the zone of saturation may be assumed to project downward from the top of the permeable portion of the disposal system at an inclination of 1 to 1 or flatter, as determined by the geotechnical engineer.

Closure

The recommendations and conclusions contained in this report are based upon the soil conditions uncovered in our test excavation. No warranty of the soil condition between our excavations is implied. NorCal Engineering should be notified for possible further recommendations if unexpected to unfavorable conditions are encountered during construction phase.

This firm should have the opportunity to review the final plans to verify that all our recommendations are incorporated. This report and all conclusions are subject to the review of the controlling authorities for the project. Our representative should be present during the grading operations and construction phase to certify that such recommendations are complied within the field.

This geotechnical investigation has been conducted in a manner consistent with the level of care and skill exercised by members of our profession currently practicing under similar conditions in the Southern California area. No other warranty, expressed or implied is made.

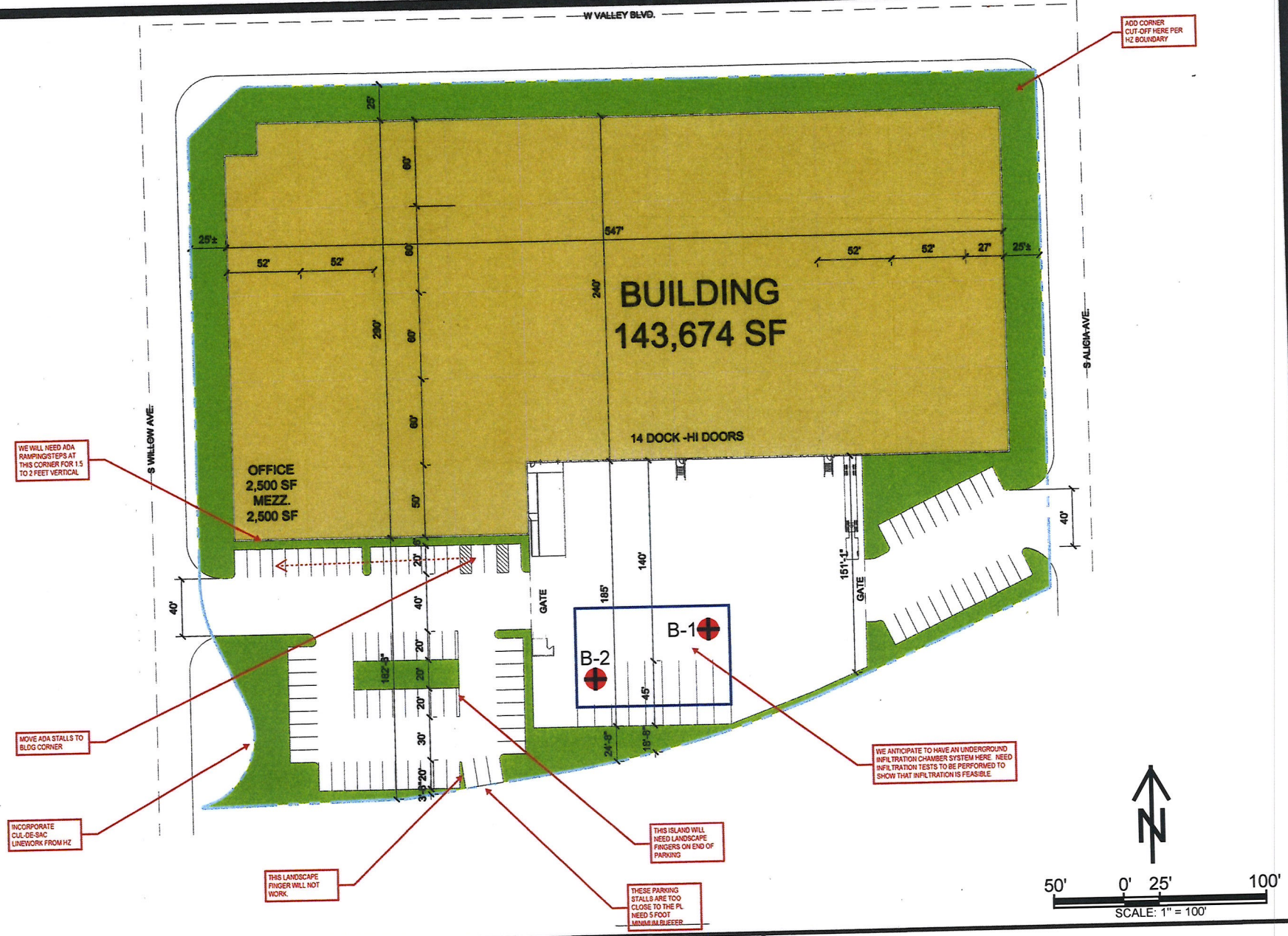
We appreciate this opportunity to be of service to you. If you have any further questions, please do not hesitate to contact the undersigned.

Respectfully submitted,
NORCAL ENGINEERING

Keith D. Tucker
Project Engineer
R.G.E. 841

REGISTERED PROFESSIONAL ENGINEER
KEITH D. TUCKER
No. 841
Exp. 12/31/2022
GEOTECHNICAL
STATE OF CALIFORNIA

Mike Barone
Project Manager



NorCal Engineering
SOILS AND GEOTECHNICAL CONSULTANTS

PATRIOT PARTNERS

PROJECT: 23007-21 | DATE: JUNE 2022

SITE PLAN

List of Appendices
(in order of appearance)

Appendix A – Log of Excavations

Log of Borings B-1 to B-2

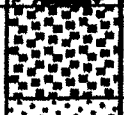
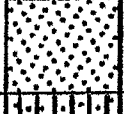
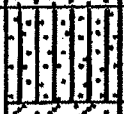
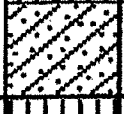
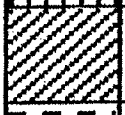
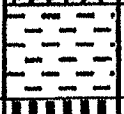
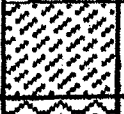
Appendix B – Soil Infiltration Data

Field Test Data

Infiltration Test Calculations

Appendix A
Log of Excavations

NorCal Engineering

MAJOR DIVISION			GRAPHIC SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL, SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	SAND AND SANDY SOILS	CLEAN SAND (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
	MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SANDS WITH FINE (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND-SILT MIXTURES
				SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

UNIFIED SOIL CLASSIFICATION SYSTEM

KEY:

 Indicates 2.5-inch Inside Diameter. Ring Sample.

 Indicates 2-inch OD Split Spoon Sample (SPT).

 Indicates Shelby Tube Sample.

 Indicates No Recovery.

 Indicates SPT with 140# Hammer 30 in. Drop.

 Indicates Bulk Sample.

 Indicates Small Bag Sample.

 Indicates Non-Standard

 Indicates Core Run.

COMPONENT PROPORTIONS

DESCRIPTIVE TERMS	RANGE OF PROPORTION
Trace	1 - 5%
Few	5 - 10%
Little	10 - 20%
Some	20 - 35%
And	35 - 50%

COMPONENT DEFINITIONS

COMPONENT	SIZE RANGE
Boulders	Larger than 12 in
Cobbles	3 in to 12 in
Gravel	3 in to No 4 (4.5mm)
Coarse gravel	3 in to 3/4 in
Fine gravel	3/4 in to No 4 (4.5mm)
Sand	No. 4 (4.5mm) to No. 200 (0.074mm)
Coarse sand	No. 4 (4.5 mm) to No. 10 (2.0 mm)
Medium sand	No. 10 (2.0 mm) to No. 40 (0.42 mm)
Fine sand	No. 40 (0.42 mm) to No. 200 (0.074 mm)
Silt and Clay	Smaller than No. 200 (0.074 mm)

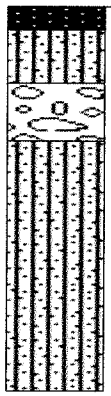
MOISTURE CONTENT

DRY	Absence of moisture, dusty, dry to the touch.
DAMP	Some perceptible moisture; below optimum
MOIST	No visible water; near optimum moisture content
WET	Visible free water, usually soil is below water table.

RELATIVE DENSITY OR CONSISTENCY VERSUS SPT N -VALUE

COHESIONLESS SOILS		COHESIVE SOILS		
Density	N (blows/ft)	Consistency	N (blows/ft)	Approximate Undrained Shear Strength (psf)
Very Loose	0 to 4	Very Soft	0 to 2	< 250
Loose	4 to 10	Soft	2 to 4	250 - 500
Medium Dense	10 to 30	Medium Stiff	4 to 8	500 - 1000
Dense	30 to 50	Stiff	8 to 15	1000 - 2000
Very Dense	over 50	Very Stiff	15 to 30	2000 - 4000
		Hard	over 30	> 4000

Patriot Partners 23007-21	Log of Boring B-1
Boring Location: SEC. of Valley Blvd. & Willow Ave.	
Date of Drilling: 6/16/22	Groundwater Depth: None Encountered
Drilling Method: Rig	
Hammer Weight: 140 lb.	Drop: 30"
Surface Elevation:	



Depth (feet)	Lith-ology	Material Description	Samples: Type	Samples: Blow Counts	Laboratory: Moisture	Laboratory: Dry Density	Laboratory: Fines Content %
0		2.5" Aspahlt concrete over 5.5" Base					
		FILL Silty (fine to coarse grained) SAND with gravel occasional cobble Brown, medium dense, moist					
5		NATURAL Gravelly SAND, Silty with occasional cobbles Brown, dense, dry to damp					
		Slightly Slity (medium to coarse grained) SAND with gravel occasional cobble Brown, dense, damp					
10		Boring completed at depth of 10'	☒		2.5		
15							
20							
25							
30							
35							

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NorCal Engineering

Patriot Partners 23007-21	Log of Boring B-2

Boring Location: SEC. of Valley Blvd. & Willow Ave.	
Date of Drilling: 6/16/22	Groundwater Depth: None Encountered
Drilling Method: Rig	
Hammer Weight: 140 lb.	Drop: 30"
Surface Elevation:	

Depth (feet)	Lith-ology	Material Description	Samples		Laboratory		
			Type	Blow Counts	Moisture	Dry Density	Fines Content %
0		3" Aspahlt concrete					
		FILL Silty (fine to coarse grained) SAND with gravel occasional cobble Brown, medium dense, moist					
5		NATURAL Gravelly SAND, Silty with occasional cobbles Brown, dense, dry to damp					
		Slightly Slity (medium to coarse grained) SAND with gravel occasional cobble Brown, dense, damp					
10							
15		Boring completed at depth of 15'	☒		3.1		
20							
25							
30							
35							

GWT not encountered

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Appendix B
Soil Infiltration Data

NorCal Engineering

SOIL INFILTRATION RATE CALCS ⇒ PORCHET METHOD

Location:	TH-1	TH-2
• Depth of Hole =	10.0'	15.0'
• Hole Radius =	8"	8"
• Drop = Δh	24"	35.5"
• Time = Δt Interval	20 min	20 min
• Initial Water Depth = H_o	35"	48"
• Final Water Depth = H_t	11"	12.5"
• Average Water Head = H_{avg}	23"	30.25"
• INFILTRATION RATE	5.8 in/hr	6.6 in/hr

$$\text{Infiltration Rate} = \frac{\Delta h\ (60)(r)}{\Delta t\ (r + 2 \cdot H_{avg})}$$

$$\text{Average Water Head} = \tfrac{1}{2}(H_t - H_o)$$

NorCal Engineering
SOILS AND GEOTECHNICAL CONSULTANTS

JOB NO. 23007-22 DATE JUNE, 2022

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

PERCOLATION TEST DATA

Client: Patriot Partners	**Tested By:** J.S.
Project No.: 23007-21	**Date Tested:** 6/16/22
Test Hole: 1	**Caving:**
Depth of Test Hole: 10' (120")	**Notes:**
Diameter of Test Hole: 8"	**Strata Peculiarities:**
Date Excavated: 6/16/22	

Sandy Soil Criteria Test

TIME	TRIAL NO.	T1	H1	H2	D
8:39	1	30	0.0	119.0	119.0
9:09					
9:09	2	30	0.0	116.0	116.0
9:39					

____Soil Criteria

TIME	T1	TE	H1	H2	D
9:39	10	10	0.0	92.5	92.5
9:49					
9:49	10	20	0.0	89.0	89.0
9:59					
9:59	10	30	0.0	87.0	87.0
10:09					
10:09	10	40	0.0	87.0	87.0
10:19					
10:19	10	50	0.0	86.0	86.0
10:29					
10:29	10	60	0.0	85.5	85.5
10:39					
10:39	10	70	0.0	85.0	85.0
10:49					
10:49	10	80	0.0	85.0	85.0
10:59					
10:59	10	90	85.0	101.0	16.0
11:09					
11:09	10	100	101.0	109.0	8.0
11:19					

T1 – Time Interval (min) **TE – Total Elapsed Time (min)** **H1 – Initial Water Level**
H2 – Final Water Level (in) **D – Change in H_2O Level (in)**

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

PERCOLATION TEST DATA

Client: Patriot Partners	**Tested By**: J.S.
Project No.: 23007-21	**Date Tested**: 6/16/22
Test Hole: 2	**Caving**:
Depth of Test Hole: 15' (180")	**Notes**:
Diameter of Test Hole: 8"	**Strata Peculiarities**:
Date Excavated: 6/16/22	

Sandy Soil Criteria Test

TIME	TRIAL NO.	T1	H1	H2	D
10:20	1	26	0.0	180.0	180.0
10:46					
10:46	2	30	0.0	175.5	175.5
11:16					

____Soil Criteria

TIME	T1	TE	H1	H2	D
11:16	10	10	0.0	142.0	142.0
11:26					
11:26	10	20	0.0	141.5	141.5
11:36					
11:36	10	30	0.0	135.0	135.0
11:46					
11:46	10	40	0.0	131.0	131.0
11:56					
11:56	10	50	0.0	132.5	132.5
12:06					
12:06	10	60	0.0	133.0	133.0
12:16					
12:16	10	70	0.0	132.0	132.0
12:26					
12:26	10	80	0.0	132.0	132.0
12:36					
12:36	10	90	132.0	157.5	25.5
12:46					
12:46	10	100	157.5	167.5	10.0
12:56					

T1 – Time Interval (min) **TE – Total Elapsed Time (min)** **H1 – Initial Water Level**

H2 – Final Water Level (in) **D – Change in H_2O Level (in)**

Attachment D
Infiltration Report

Attachment E
Rainfall Data (NOAA Atlas 14)
& Worksheet H

NOAA Atlas 14, Volume 6, Version 2
Location name: Rialto, California, USA*
Latitude: 34.0699°, Longitude: -117.3736°
Elevation: 1058.58 ft**
* source: ESRI Maps
** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Trypaluk, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.111 (0.093-0.135)	0.144 (0.120-0.174)	0.187 (0.155-0.228)	0.223 (0.183-0.274)	0.272 (0.217-0.346)	0.311 (0.242-0.404)	0.352 (0.267-0.468)	0.394 (0.290-0.541)	0.454 (0.320-0.649)	0.501 (0.342-0.744)
10-min	0.159 (0.133-0.193)	0.206 (0.171-0.250)	0.268 (0.222-0.326)	0.319 (0.263-0.392)	0.390 (0.310-0.496)	0.446 (0.347-0.580)	0.504 (0.382-0.671)	0.565 (0.416-0.775)	0.650 (0.459-0.931)	0.719 (0.490-1.07)
15-min	0.193 (0.160-0.234)	0.249 (0.207-0.302)	0.324 (0.269-0.394)	0.386 (0.318-0.474)	0.472 (0.375-0.600)	0.540 (0.420-0.701)	0.610 (0.462-0.812)	0.683 (0.504-0.937)	0.786 (0.555-1.13)	0.869 (0.592-1.29)
30-min	0.287 (0.239-0.348)	0.371 (0.308-0.450)	0.482 (0.400-0.587)	0.575 (0.473-0.706)	0.703 (0.558-0.893)	0.803 (0.625-1.04)	0.907 (0.688-1.21)	1.02 (0.749-1.39)	1.17 (0.826-1.67)	1.29 (0.881-1.92)
60-min	0.414 (0.345-0.502)	0.535 (0.445-0.650)	0.696 (0.578-0.848)	0.830 (0.683-1.02)	1.01 (0.807-1.29)	1.16 (0.902-1.51)	1.31 (0.994-1.75)	1.47 (1.08-2.01)	1.69 (1.19-2.42)	1.87 (1.27-2.77)
2-hr	0.602 (0.501-0.730)	0.772 (0.642-0.937)	0.996 (0.826-1.21)	1.18 (0.971-1.45)	1.43 (1.14-1.82)	1.63 (1.27-2.12)	1.83 (1.39-2.44)	2.04 (1.51-2.80)	2.34 (1.65-3.34)	2.57 (1.75-3.81)
3-hr	0.748 (0.623-0.906)	0.956 (0.795-1.16)	1.23 (1.02-1.50)	1.46 (1.20-1.79)	1.76 (1.40-2.24)	2.00 (1.56-2.60)	2.24 (1.70-2.99)	2.50 (1.84-3.42)	2.85 (2.01-4.07)	3.12 (2.13-4.63)
6-hr	1.05 (0.877-1.28)	1.35 (1.12-1.64)	1.73 (1.44-2.11)	2.04 (1.68-2.51)	2.47 (1.96-3.14)	2.80 (2.17-3.63)	3.13 (2.37-4.17)	3.47 (2.56-4.76)	3.94 (2.78-5.64)	4.31 (2.94-6.40)
12-hr	1.41 (1.17-1.70)	1.80 (1.50-2.19)	2.32 (1.93-2.83)	2.74 (2.26-3.37)	3.31 (2.63-4.21)	3.74 (2.91-4.86)	4.18 (3.17-5.57)	4.63 (3.41-6.35)	5.25 (3.70-7.51)	5.72 (3.90-8.49)
24-hr	1.88 (1.66-2.16)	2.43 (2.15-2.80)	3.15 (2.78-3.64)	3.73 (3.26-4.35)	4.51 (3.82-5.43)	5.10 (4.23-6.28)	5.70 (4.62-7.19)	6.32 (4.98-8.18)	7.15 (5.41-9.64)	7.80 (5.70-10.9)
2-day	2.28 (2.02-2.63)	3.01 (2.66-3.47)	3.95 (3.49-4.57)	4.72 (4.13-5.51)	5.77 (4.89-6.95)	6.57 (5.45-8.08)	7.39 (5.99-9.31)	8.24 (6.49-10.7)	9.38 (7.10-12.7)	10.3 (7.52-14.3)
3-day	2.43 (2.15-2.80)	3.26 (2.88-3.76)	4.35 (3.83-5.03)	5.24 (4.59-6.12)	6.47 (5.48-7.80)	7.43 (6.17-9.14)	8.41 (6.82-10.6)	9.44 (7.44-12.2)	10.8 (8.20-14.6)	11.9 (8.74-16.7)
4-day	2.61 (2.31-3.01)	3.53 (3.12-4.07)	4.75 (4.19-5.49)	5.76 (5.04-6.71)	7.15 (6.05-8.61)	8.24 (6.84-10.1)	9.37 (7.59-11.8)	10.5 (8.31-13.7)	12.2 (9.21-16.4)	13.5 (9.85-18.8)
7-day	2.97 (2.63-3.43)	4.07 (3.60-4.69)	5.51 (4.86-6.38)	6.71 (5.87-7.83)	8.37 (7.09-10.1)	9.67 (8.03-11.9)	11.0 (8.93-13.9)	12.4 (9.81-16.1)	14.4 (10.9-19.4)	16.0 (11.7-22.3)
10-day	3.23 (2.86-3.72)	4.44 (3.93-5.13)	6.05 (5.33-7.00)	7.38 (6.46-8.61)	9.23 (7.82-11.1)	10.7 (8.87-13.2)	12.2 (9.89-15.4)	13.8 (10.9-17.9)	16.0 (12.1-21.6)	17.8 (13.0-24.8)
20-day	3.92 (3.47-4.52)	5.43 (4.81-6.27)	7.45 (6.57-8.62)	9.14 (8.00-10.7)	11.5 (9.73-13.8)	13.4 (11.1-16.4)	15.3 (12.4-19.3)	17.4 (13.7-22.5)	20.3 (15.3-27.3)	22.6 (16.5-31.5)
30-day	4.65 (4.12-5.36)	6.45 (5.70-7.44)	8.86 (7.81-10.2)	10.9 (9.51-12.7)	13.7 (11.6-16.5)	16.0 (13.2-19.6)	18.3 (14.8-23.1)	20.8 (16.4-27.0)	24.4 (18.5-32.9)	27.3 (20.0-38.1)
45-day	5.55 (4.91-6.40)	7.65 (6.76-8.82)	10.5 (9.24-12.1)	12.9 (11.3-15.0)	16.2 (13.7-19.5)	18.9 (15.7-23.2)	21.7 (17.6-27.4)	24.8 (19.5-32.1)	29.1 (22.0-39.3)	32.7 (23.9-45.5)
60-day	6.48 (5.74-7.47)	8.86 (7.83-10.2)	12.1 (10.6-14.0)	14.8 (12.9-17.2)	18.6 (15.8-22.4)	21.7 (18.0-26.7)	25.0 (20.2-31.4)	28.5 (22.4-36.9)	33.5 (25.4-45.2)	37.6 (27.5-52.5)

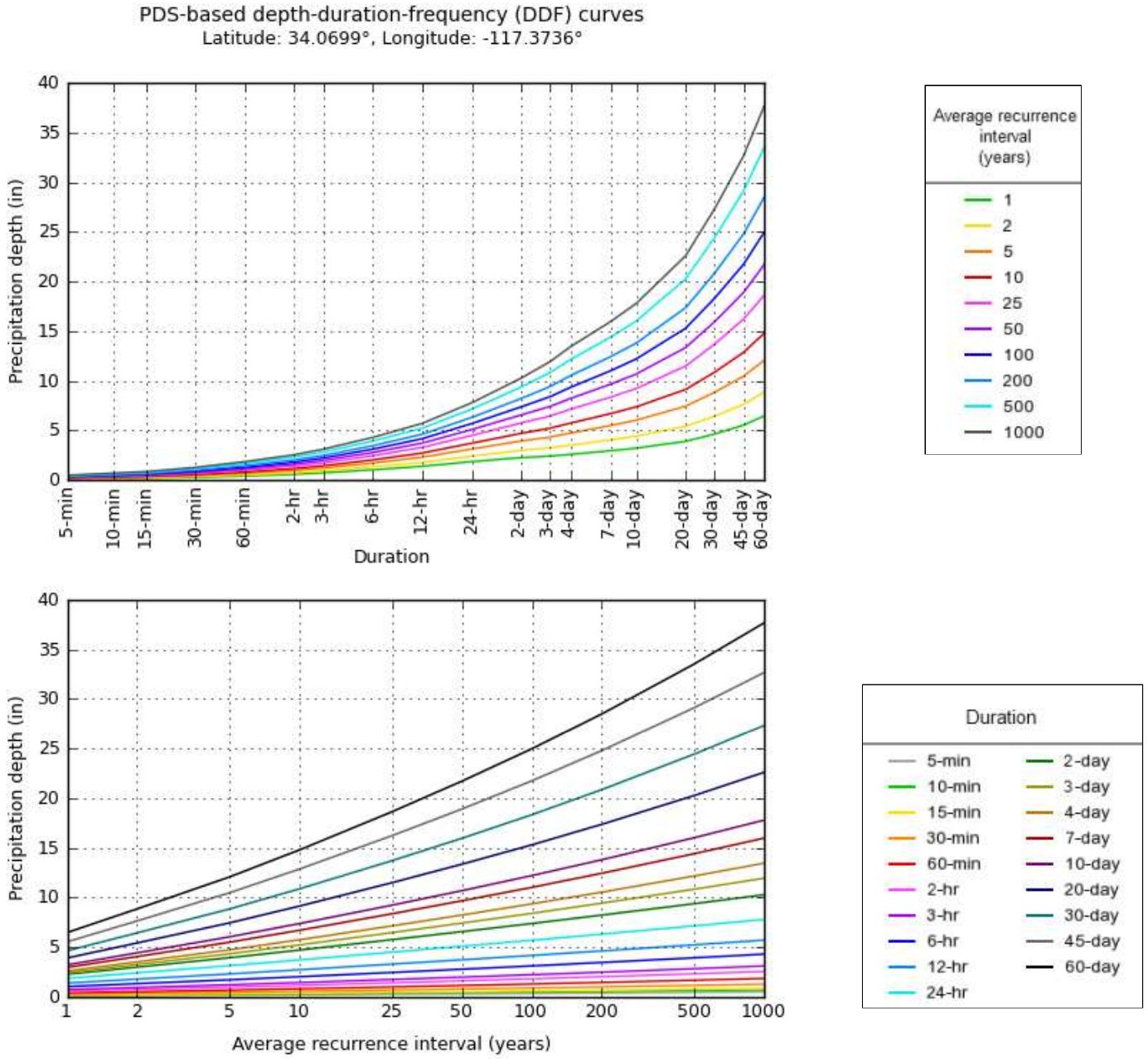
[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

Please refer to NOAA Atlas 14 document for more information.

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PF graphical



NOAA Atlas 14, Volume 6, Version 2

Created (GMT): Mon May 23 19:23:17 2022

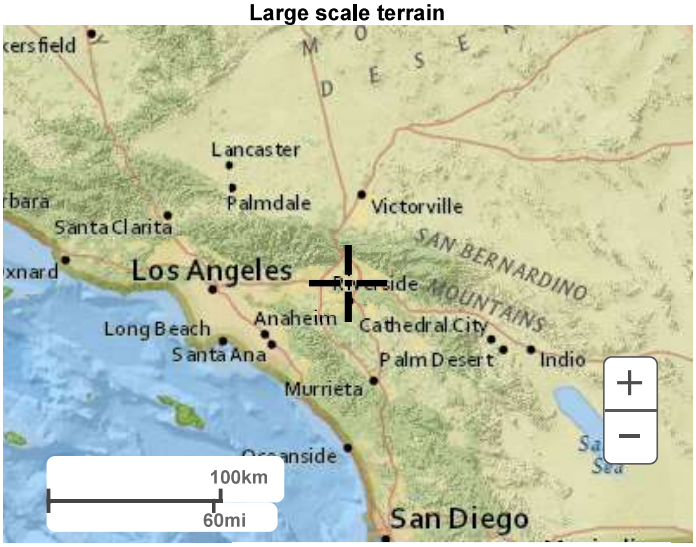
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Maps & aerials

Small scale terrain



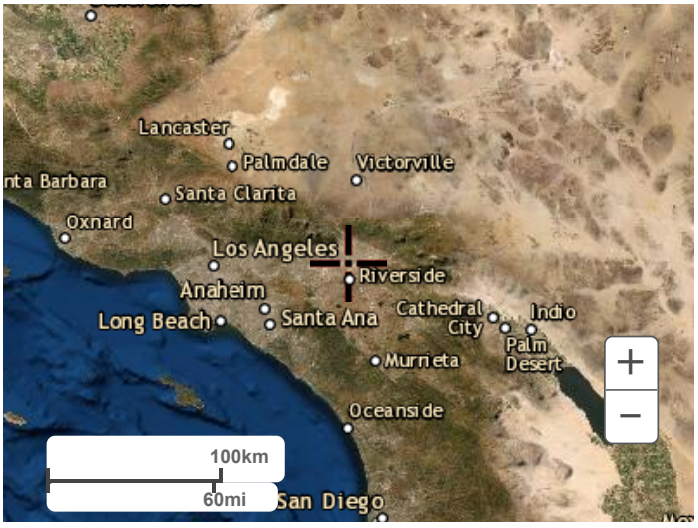
Large scale terrain



Large scale map



Large scale aerial



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US Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
National Water Center
1325 East West Highway
Silver Spring, MD 20910
Questions?: HDSC.Questions@noaa.gov

Disclaimer

Appendix F-2

Preliminary Hydrology Report, July 2022

PRELIMINARY HYDROLOGY REPORT

For

Patriot –Willow at Valley Industrial

PROJECT LOCATION

South of Valley Boulevard between Willow Avenue and Alice Avenue
in the City of Rialto

DEVELOPER

Patriot Development Partners
12126 W. Sunset Boulevard
Los Angeles, CA 90094
858-952-4134

PREPARED BY

Huitt-Zollars, Inc.
Johnny Murad, P.E.
3990 Concours Suite 330
Ontario, CA 91764
Ph: 909.941.7799
Fax: 909.941.7789

Johnny Murad, P.E.
C67512, Exp 06/30/2023

PREPARATION DATE

July 6th, 2022

HZ PROJECT NUMBER

R314754.01

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Purpose	1
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Discussion	1
Hydrologic Analysis	2
Results	3

List of Appendices

Appendix A Preliminary Hydrology Maps

Appendix B 100-year Rational Method Hydrologic Analysis

Appendix C 100-year Unit Hydrograph Hydrologic Analysis

Appendix D Basin Routing Analysis

Appendix E Soil Group Map and Isohyetal Map

Introduction

This preliminary hydrology analysis has been prepared for Patriot Development Partners. The project is a new development of an industrial warehouse facility located south of Valley Boulevard between Willow Avenue and Alice Avenue in the City of Rialto, California. The proposed building is approximately 141,074 square feet in size on approximately 6.2 acres of previously developed land.

Purpose

The purpose of this report is to present the drainage concept for the project and to determine the design flow rates and storm drain sizes for the project site. The hydrology maps and calculations reflect the tributary areas and 100-year storm event runoff flows.

Existing Condition

The project site is roughly rectangular-shaped and is currently developed. The site currently has seven buildings, paved lots, and an unpaved vehicle storage yard. The project site generally slopes 2.3% from the northwest property corner to the south side of the property. The maximum site elevation, located at the northwest property line, is 1060.0± feet mean sea level (msl). The minimum site elevation located at the south right-of-way, is 1047.7± feet msl. Runoff from the existing site sheet flows from the northwest corner to the south side and drains to the existing Caltrans Channel adjacent to the southern right of way. Runoff from Willow Avenue surface flows to spillway at the south end of Willow Avenue. Runoff from Valley Blvd. and Alice Avenue surface flows to spillway at the south end of Alice Avenue.

Proposed Condition

For the proposed condition, the project area runoff will be directed to the on-site underground infiltration system located in the south truck dock area. The underground chamber system will be sized to capture and retain the 100-year storm event volume and overflow any storm water in excess of the storage volume. The overflow from the underground infiltration system will be discharged through a proposed parkway culvert on Alice Avenue. See Appendix A for proposed on-site hydrology map.

Site runoff from the north landscaping area, north half of the building, and east landscaping area will be collected by catch basin #1. The collected runoff will then be conveyed through the proposed on-site storm drain Line A to the underground infiltration system.

Site runoff from the southeast parking area and southeast corner of the building will be collected by catch basin #2. The collected runoff will then be conveyed through the proposed on-site storm drain Line A to the underground infiltration system.

Site runoff from the southwestern portion of the southeastern parking lot will be collected by catch basin #3. The collected runoff will then be conveyed through the proposed on-site storm drain Line A to the underground infiltration system.

Site runoff from the center of the south half of the building, truck docks, and truck parking will be collected by catch basin #4. The collected runoff will then be conveyed through the proposed on-site storm drain Line A to the underground infiltration system.

Site runoff from the west landscaping will be collected by catch basin #5. The collected runoff will then be conveyed through the proposed on-site storm drain Lateral A-1 to the underground infiltration system.

Site runoff from the southwest parking area and southwest corner of the building will be collected by catch basin #6. The collected runoff will then be conveyed through the proposed on-site storm drain Lateral A-1 to the underground infiltration system.

The overflow from the underground infiltration system, in excess of the Q_{100} retention volume of 70,600 cubic feet, will be allowed to overflow/discharge to a proposed parkway culvert onto Alice Avenue.

Hydrologic Analysis

A hydrologic analysis was prepared using the methodology outlined in the San Bernardino County Flood Control District (SBCFCD) Hydrology Manual. A rational method analysis was completed for the proposed 100-year return event (Q100) using Civild software.

The 100-year, 1-hour rainfall rate was taken from the isohyetal maps in the County of San Bernardino Hydrology Manual. The hydrologic soils type for the site is "B" and was taken from the soil map in the Hydrology Manual (see Appendix C for reference maps). A "commercial" land use was used with an AMC of III.

A unit area hydrograph analysis was completed for the existing and proposed 2-year and 100-year return event using Civild software. The 100-year, 1-hour, 6-hour, and 24-hour rainfall rate was taken from the isohyetal maps in the County of San Bernardino Hydrology Manual.

Peak Storm Mitigation

To mitigate the increase in storm water generation the project will incorporate an on-site underground infiltration/retention chamber system. The proposed development will generate less storm water than the existing developed condition and therefore the underground infiltration system will be sized to detain the WQMP design capture volume. The entire site will drain to an underground storm water conveyance system which will discharge collected runoff into the underground chambers located at the south end of the project.

A Unit Hydrograph analysis for the 100-year storm event was prepared for the existing and proposed conditions. Based on the unit Hydrograph analysis the existing condition generates a peak discharge of 22.16 cfs with a total volume of 135,999 cubic feet of storm water. The proposed condition generates a peak runoff rate of 18.12 cfs with a total volume of 132,300 cubic feet of storm water. The proposed condition runoff will be conveyed to the proposed underground infiltration/retention chamber system with a total capacity of 70,600 cubic feet of storm water. A preliminary basin routing analysis was prepared to determine the volume capacity needed to mitigate the outflow from the project site so the infiltration system does not overflow. Based on the basin routing analysis, when the capacity of the underground chamber is reached, then the storm drain system will fill to the spillway elevation of 1051.34 located at the parkway drain at the southeast end of the site along Alice Avenue. The parkway drain will discharge a maximum of 3.4 cfs during the 100-year 24-hour storm event which is less than the existing condition discharge rate of 22.2 cfs

Based on the results of the preliminary unit hydrograph and basin routing analysis, the proposed underground infiltration/retention chamber system will mitigate the proposed condition runoff down to less than the existing pre-developed condition for the 100-year storm event

24 Hour Storm	Existing 2 Year	Existing 100 Year	Proposed 2 Year	Proposed 100 Year
Max Outlfow to Street (CFS)	0.90	22.2	0.9	3.4
Water Surface Elevation	-	-	1041.23	1051.48

Results

The underground infiltration/retention chamber system has been sized for design capture volume retention in conjunction with water quality volume storage purposes. Based on the preliminary hydrology analysis the total volume required for WQMP volume and 100-year retention volume is 22,256cf. The total capacity provided by the proposed underground chamber system is approximately 70,600 cf. The pre-developed site generates an approximated Q_{100} runoff of 22.16 cfs. The proposed developed condition will result in a Q_{100} runoff rate of 18.5 cfs during the 100-year storm event. The underground infiltration/retention chamber system has been sized to retain the required storm water volume through the 100-year storm event and only discharge 3.4 cfs to the public street. The retained runoff will be allowed to infiltrate into the underlying soils.

All proposed drainage and storm drain facilities will be sized adequately for Q_{100} storm event. Additional supporting calculations will be provided in the final drainage report including storm drain hydraulics, catch basin sizing and underground chamber/basin routing.

Appendix A
Hydrology Maps

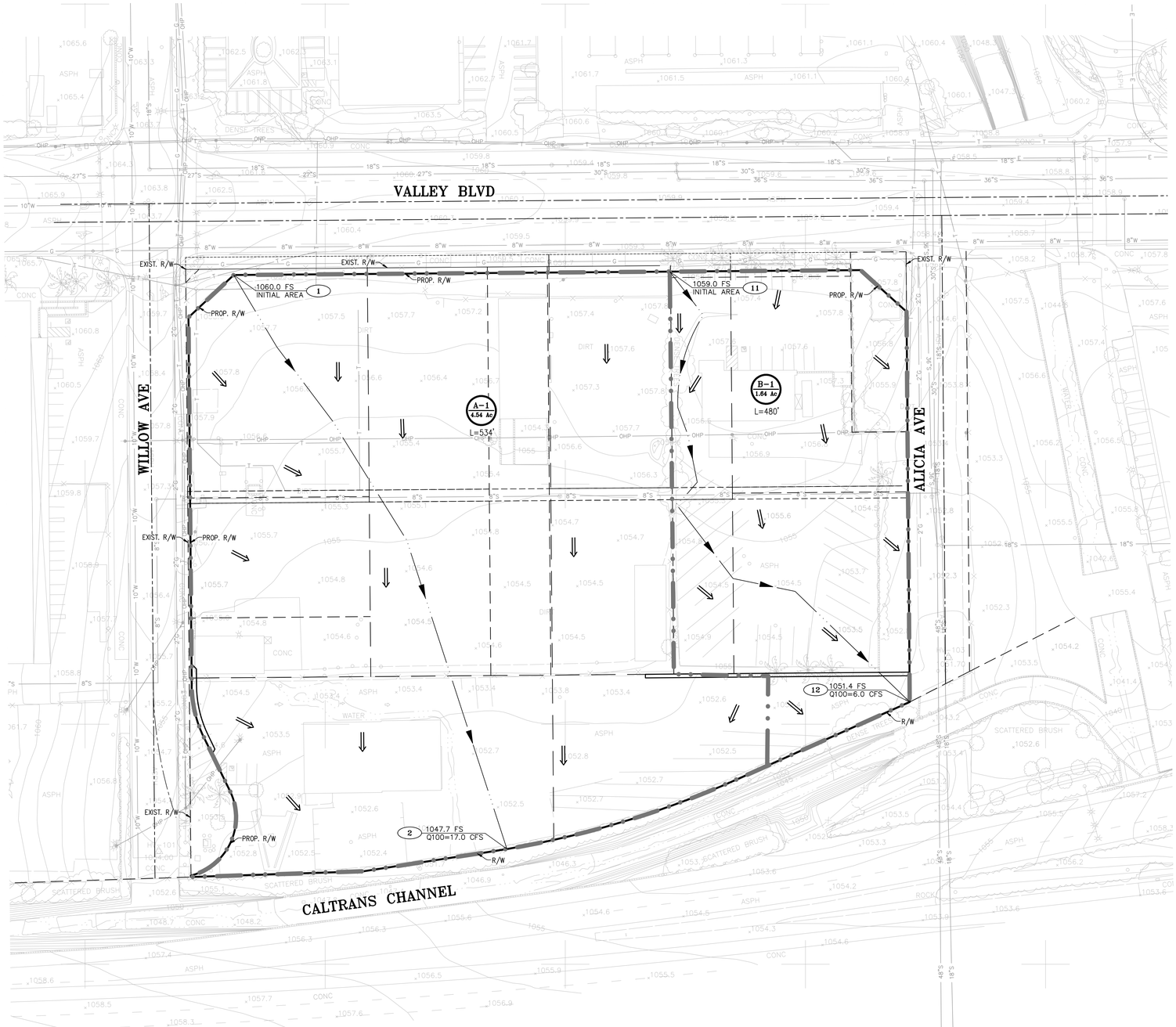
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- NO. — HYDROLOGY MODEL NODE NUMBER
- A-1 / 7.40 Ac / 673' — TRIBUTARY AREA IN ACRES / LENGTH OF FLOW
- DRAINAGE BOUNDARY
- DRAINAGE INLET/CATCH BASIN (CB)
- PROPOSED STORM DRAIN
- FLOW DIRECTION

N

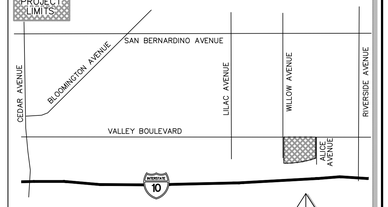
0 20 40 80 120

SCALE 1" = 40'



LEGEND

PROJECT LIMITS



VICINITY MAP
NOT TO SCALE

EXISTING CONDITION HYDROLOGY MAP
FOR
PATRIOT - WILLOW AT VALLEY INDUSTRIAL
VALLEY BOULEVARD BETWEEN WILLOW AVENUE AND ALICE AVENUE
CITY OF RIALTO

REGISTERED PROFESSIONAL ENGINEER — JOSEPH MICHAEL — NO. 67512 EXPIRATION 6-30-2023 — CIVIL — STATE OF CALIFORNIA

HUITT-ZOLLARS
HUITT-ZOLLARS, INC.
3990 CONCOURSE, SUITE 330 • ONTARIO, CALIFORNIA 91764 • (909) 941-7799

DESIGNED BY	J.M.
DRAWN BY	HZ STAFF
CHECKED BY	J.M.
FIELD BOOK	
SHEET	1 OF 1 SHEETS
JOB NO.	R314754.01

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LEGEND

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- A-1 1 / 7.40 Ac — TRIBUTARY AREA IN ACRES
- 673' — LENGTH OF FLOW
- DRAINAGE BOUNDARY
- DRAINAGE INLET/CATCH BASIN (CB)
- PROPOSED STORM DRAIN
- FLOW DIRECTION

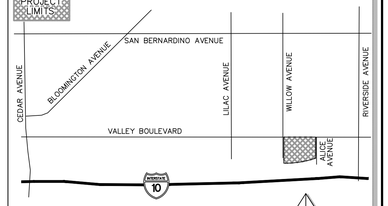
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0 20 40 80 120

SCALE 1" = 40'

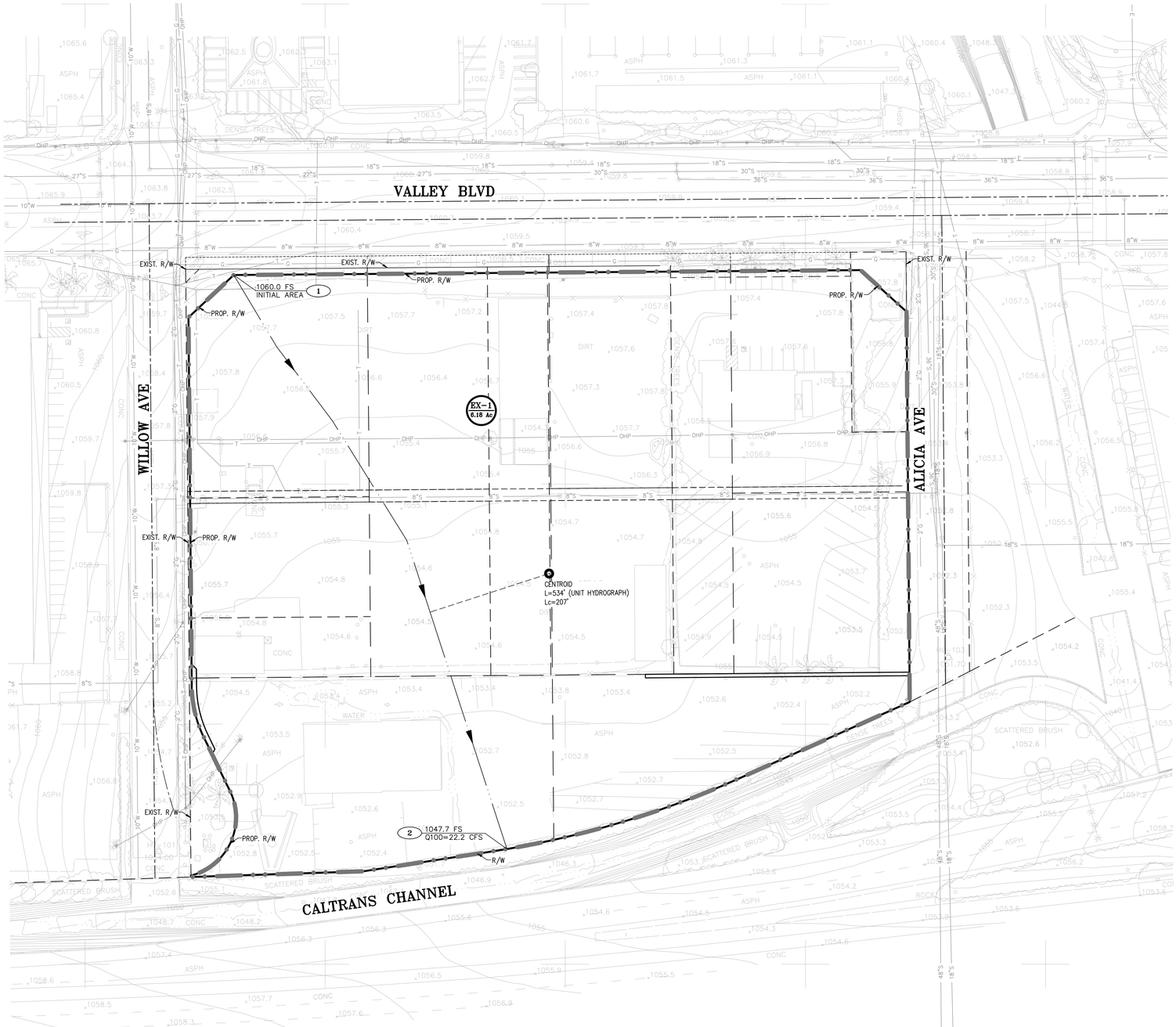
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PROJECT LIMITS



VICINITY MAP

NOT TO SCALE



EXISTING CONDITION UNIT HYDROGRAPH MAP
FOR
PATRIOT - WILLOW AT VALLEY INDUSTRIAL
VALLEY BOULEVARD BETWEEN WILLOW AVENUE AND ALICE AVENUE
CITY OF RIALTO

REGISTERED PROFESSIONAL ENGINEER — JOSEPH MICHAEL — NO. 67512 EXPIRATION 6-30-2023 — CIVIL — STATE OF CALIFORNIA

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SHEET	1 OF 1 SHEETS
JOB NO.	R314754.01

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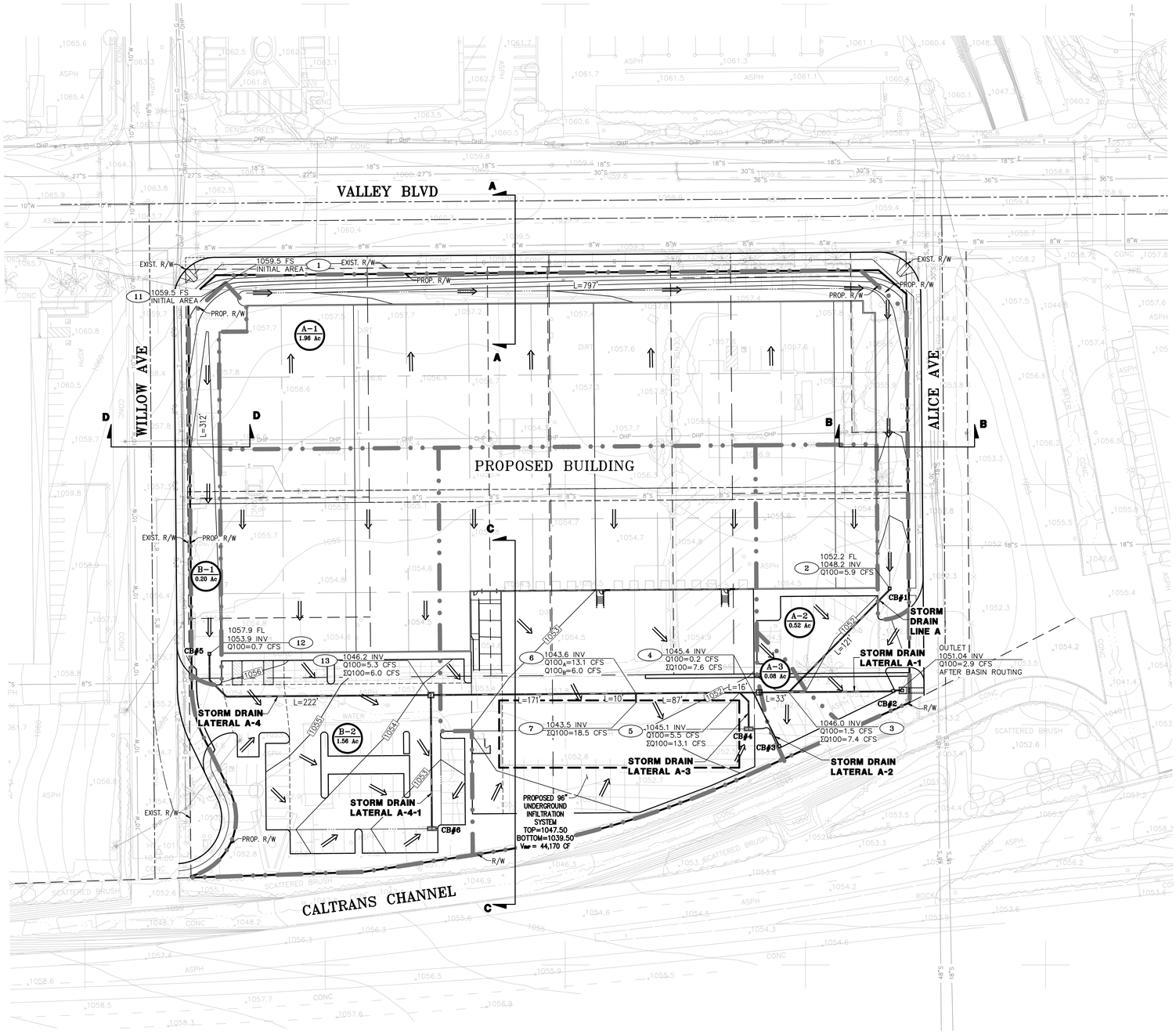
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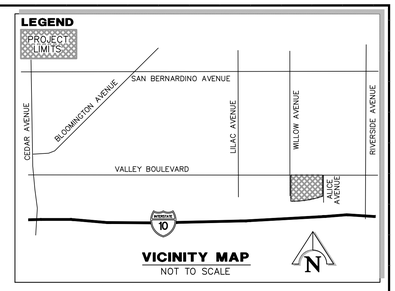
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- DRAINAGE BOUNDARY
- DRAINAGE INLET/CATCH BASIN (CB)
- PROPOSED STORM DRAIN
- FLOW DIRECTION

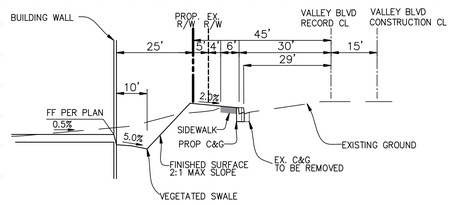
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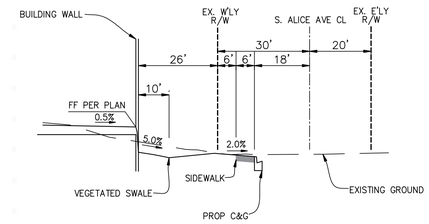






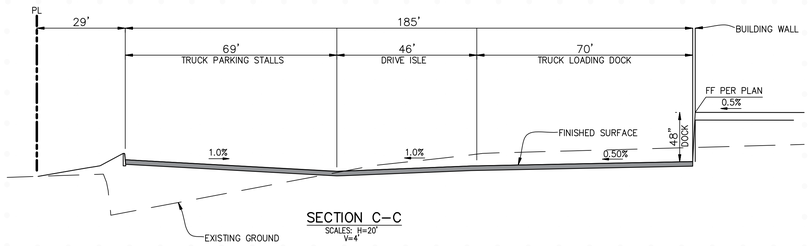
SECTION A–A

SCALES: H=20'
V=4'



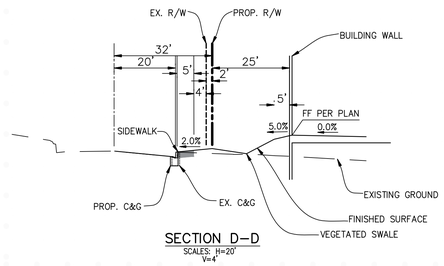
SECTION B–B

SCALES: H=20'
V=4'



SECTION C–C

SCALES: H=20'
V=4'



SECTION D–D

SCALES: H=20'
V=4'

REGISTERED PROFESSIONAL ENGINEER — NO. 67512 EXPIRATION 6-30-2021 — CIVIL — STATE OF CALIFORNIA

PROPOSED HYDROLOGY MAP
FOR
PATRIOT - WILLOW AT VALLEY INDUSTRIAL
VALLEY BOULEVARD BETWEEN WILLOW AVENUE AND ALICE AVENUE
CITY OF RIALTO

HUITT-ZOLLARS
HUITT-ZOLLARS, INC.
3990 CONCOURSE, SUITE 330 * ONTARIO, CALIFORNIA 91764 * (909) 941-7799

DESIGNED BY	SHEET
J.M.	1 OF 1 SHEETS
DRAWN BY: HZ STAFF	
CHECKED BY: J.M.	
FIELD BOOK	JOB NO. R314754.01

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Appendix B
100-year Rational Method Hydrologic Analysis

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2005 Version 7.1
Rational Hydrology Study Date: 06/08/22

PATRIOT - WILLOW AT VALLEY INDUSTRIAL
100 YEAR STORM EVENT - EXISTING CONDITION A
4754Q100EA
CB

Program License Serial Number 6145

********* Hydrology Study Control Information **********

Rational hydrology study storm event year is 100.0
Computed rainfall intensity:
Storm year = 100.00 1 hour rainfall = 1.250 (In.)
Slope used for rainfall intensity curve b = 0.6000
Soil antecedent moisture condition (AMC) = 3

++
Process from Point/Station 1.000 to Point/Station 2.000
**** INITIAL AREA EVALUATION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 56.00
Adjusted SCS curve number for AMC 3 = 75.80
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.044(In/Hr)
Initial subarea data:
Initial area flow distance = 534.000(Ft.)
Top (of initial area) elevation = 1060.000(Ft.)
Bottom (of initial area) elevation = 1047.700(Ft.)
Difference in elevation = 12.300(Ft.)
Slope = 0.02303 s(%)= 2.30
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 7.969 min.
Rainfall intensity = 4.197(In/Hr) for a 100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.891
Subarea runoff = 16.970(CFS)
Total initial stream area = 4.540(Ac.)
Pervious area fraction = 0.100
Initial area Fm value = 0.044(In/Hr)
End of computations, Total Study Area = 4.54 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 0.100
Area averaged SCS curve number = 56.0

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2005 Version 7.1
Rational Hydrology Study Date: 06/08/22

PATRIOT - WILLOW AT VALLEY INDUSTRIAL
100 YEAR STORM EVENT - EXISTING CONDITION B
4754Q100B
CB

Program License Serial Number 6145

********* Hydrology Study Control Information **********

Rational hydrology study storm event year is 100.0
Computed rainfall intensity:
Storm year = 100.00 1 hour rainfall = 1.250 (In.)
Slope used for rainfall intensity curve b = 0.6000
Soil antecedent moisture condition (AMC) = 3

++
Process from Point/Station 11.000 to Point/Station 12.000
**** INITIAL AREA EVALUATION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 56.00
Adjusted SCS curve number for AMC 3 = 75.80
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.044(In/Hr)
Initial subarea data:
Initial area flow distance = 480.000(Ft.)
Top (of initial area) elevation = 1059.000(Ft.)
Bottom (of initial area) elevation = 1051.400(Ft.)
Difference in elevation = 7.600(Ft.)
Slope = 0.01583 s(%)= 1.58
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 8.231 min.
Rainfall intensity = 4.116(In/Hr) for a 100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.890
Subarea runoff = 6.011(CFS)
Total initial stream area = 1.640(Ac.)
Pervious area fraction = 0.100
Initial area Fm value = 0.044(In/Hr)
End of computations, Total Study Area = 1.64 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 0.100
Area averaged SCS curve number = 56.0

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2005 Version 7.1
Rational Hydrology Study Date: 06/08/22

PATRIOT - WILLOW AT VALLEY INDUSTRIAL
100 YEAR STORM EVENT - PROPOSED CONDITION
4754Q100P
CB

Program License Serial Number 6145

********* Hydrology Study Control Information **********

Rational hydrology study storm event year is 100.0
Computed rainfall intensity:
Storm year = 100.00 1 hour rainfall = 1.250 (In.)
Slope used for rainfall intensity curve b = 0.6000
Soil antecedent moisture condition (AMC) = 3

++
Process from Point/Station 1.000 to Point/Station 2.000
**** INITIAL AREA EVALUATION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 56.00
Adjusted SCS curve number for AMC 3 = 75.80
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.044(In/Hr)
Initial subarea data:
Initial area flow distance = 797.000(Ft.)
Top (of initial area) elevation = 1059.500(Ft.)
Bottom (of initial area) elevation = 1052.200(Ft.)
Difference in elevation = 7.300(Ft.)
Slope = 0.00916 s(%)= 0.92
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 11.248 min.
Rainfall intensity = 3.413(In/Hr) for a 100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.888
Subarea runoff = 5.943(CFS)
Total initial stream area = 1.960(Ac.)
Pervious area fraction = 0.100
Initial area Fm value = 0.044(In/Hr)

++
Process from Point/Station 2.000 to Point/Station 3.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****

Upstream point/station elevation = 1048.200(Ft.)
Downstream point/station elevation = 1046.000(Ft.)
Pipe length = 121.00(Ft.) Manning's N = 0.013

```
No. of pipes = 1  Required pipe flow  =     5.943(CFS)
Nearest computed pipe diameter  =     15.00(In.)
Calculated individual pipe flow  =     5.943(CFS)
Normal flow depth in pipe =    9.09(In.)
Flow top width inside pipe =   14.66(In.)
Critical Depth =   11.82(In.)
Pipe flow velocity =      7.64(Ft/s)
Travel time through pipe =    0.26 min.
Time of concentration (TC) =    11.51 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station        3.000 to Point/Station        3.000
**** SUBAREA FLOW ADDITION ****
------------------------------------------------------------------------------
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 56.00
Adjusted SCS curve number for AMC 3 = 75.80
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.044(In/Hr)
Time of concentration =    11.51 min.
Rainfall intensity =      3.366(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.888
Subarea runoff =      1.471(CFS) for    0.520(Ac.)
Total runoff =      7.415(CFS)
Effective area this stream =        2.48(Ac.)
Total Study Area (Main Stream No. 1) =        2.48(Ac.)
Area averaged Fm value =    0.044(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station        3.000 to Point/Station        4.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
------------------------------------------------------------------------------
Upstream point/station elevation =  1046.000(Ft.)
Downstream point/station elevation =  1045.400(Ft.)
Pipe length  =    33.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     7.415(CFS)
Nearest computed pipe diameter  =     15.00(In.)
Calculated individual pipe flow  =     7.415(CFS)
Normal flow depth in pipe =   10.64(In.)
Flow top width inside pipe =   13.62(In.)
Critical Depth =   13.02(In.)
Pipe flow velocity =      7.97(Ft/s)
Travel time through pipe =    0.07 min.
Time of concentration (TC) =    11.58 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station        4.000 to Point/Station        4.000
**** SUBAREA FLOW ADDITION ****
------------------------------------------------------------------------------
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 56.00
Adjusted SCS curve number for AMC 3 = 75.80
```

```
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.044(In/Hr)
Time of concentration =    11.58 min.
Rainfall intensity =      3.354(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.888
Subarea runoff =      0.211(CFS) for    0.080(Ac.)
Total runoff =      7.626(CFS)
Effective area this stream =        2.56(Ac.)
Total Study Area (Main Stream No. 1) =        2.56(Ac.)
Area averaged Fm value =    0.044(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station        4.000 to Point/Station        5.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  1045.400(Ft.)
Downstream point/station elevation =  1045.100(Ft.)
Pipe length  =    16.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     7.626(CFS)
Nearest computed pipe diameter  =     15.00(In.)
Calculated individual pipe flow  =     7.626(CFS)
Normal flow depth in pipe =   10.73(In.)
Flow top width inside pipe =   13.53(In.)
Critical Depth =   13.16(In.)
Pipe flow velocity =      8.11(Ft/s)
Travel time through pipe =    0.03 min.
Time of concentration (TC) =    11.61 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station        5.000 to Point/Station        5.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 56.00
Adjusted SCS curve number for AMC 3 = 75.80
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.044(In/Hr)
Time of concentration =    11.61 min.
Rainfall intensity =      3.348(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.888
Subarea runoff =      5.518(CFS) for    1.860(Ac.)
Total runoff =     13.144(CFS)
Effective area this stream =        4.42(Ac.)
Total Study Area (Main Stream No. 1) =        4.42(Ac.)
Area averaged Fm value =    0.044(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station        5.000 to Point/Station        6.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  1045.100(Ft.)
Downstream point/station elevation =  1043.600(Ft.)
Pipe length  =    87.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    13.144(CFS)
Nearest computed pipe diameter  =     18.00(In.)
Calculated individual pipe flow  =    13.144(CFS)
```

```
Normal flow depth in pipe =   14.04(In.)
Flow top width inside pipe =   14.91(In.)
Critical Depth =   16.27(In.)
Pipe flow velocity =      8.88(Ft/s)
Travel time through pipe =    0.16 min.
Time of concentration (TC) =    11.78 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station        6.000 to Point/Station        6.000
**** CONFLUENCE OF MAIN STREAMS ****
______________________________________________________________________________
The following data inside Main Stream is listed:
In Main Stream number: 1
Stream flow area =      4.420(Ac.)
Runoff from this stream =     13.144(CFS)
Time of concentration =   11.78 min.
Rainfall intensity =     3.320(In/Hr)
Area averaged loss rate (Fm) =    0.0440(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
Program is now starting with Main Stream No. 2


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       11.000 to Point/Station       12.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 56.00
Adjusted SCS curve number for AMC 3 = 75.80
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.044(In/Hr)
Initial subarea data:
Initial area flow distance =   312.000(Ft.)
Top (of initial area) elevation =  1059.500(Ft.)
Bottom (of initial area) elevation =  1057.900(Ft.)
Difference in elevation =     1.600(Ft.)
Slope =    0.00513  s(%)=       0.51
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    8.680 min.
Rainfall intensity =      3.987(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.890
Subarea runoff =      0.710(CFS)
Total initial stream area =        0.200(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.044(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       12.000 to Point/Station       13.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =  1053.900(Ft.)
Downstream point/station elevation =  1046.200(Ft.)
Pipe length  =   222.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     0.710(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     0.710(CFS)
Normal flow depth in pipe =    3.63(In.)
Flow top width inside pipe =    5.87(In.)
```

```
Critical Depth =    5.10(In.)
Pipe flow velocity =      5.72(Ft/s)
Travel time through pipe =    0.65 min.
Time of concentration (TC) =     9.33 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       13.000 to Point/Station       13.000
**** SUBAREA FLOW ADDITION ****
------------------------------------------------------------------------------
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 56.00
Adjusted SCS curve number for AMC 3 = 75.80
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.044(In/Hr)
Time of concentration =     9.33 min.
Rainfall intensity =      3.819(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.890
Subarea runoff =      5.270(CFS) for    1.560(Ac.)
Total runoff =      5.980(CFS)
Effective area this stream =        1.76(Ac.)
Total Study Area (Main Stream No. 2) =        6.18(Ac.)
Area averaged Fm value =    0.044(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       13.000 to Point/Station        6.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
------------------------------------------------------------------------------
Upstream point/station elevation =  1046.200(Ft.)
Downstream point/station elevation =  1043.600(Ft.)
Pipe length  =   171.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     5.980(CFS)
Nearest computed pipe diameter  =     15.00(In.)
Calculated individual pipe flow  =     5.980(CFS)
Normal flow depth in pipe =    9.70(In.)
Flow top width inside pipe =   14.34(In.)
Critical Depth =   11.87(In.)
Pipe flow velocity =      7.13(Ft/s)
Travel time through pipe =    0.40 min.
Time of concentration (TC) =     9.73 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station        6.000 to Point/Station        6.000
**** CONFLUENCE OF MAIN STREAMS ****
------------------------------------------------------------------------------
The following data inside Main Stream is listed:
In Main Stream number: 2
Stream flow area =      1.760(Ac.)
Runoff from this stream =      5.980(CFS)
Time of concentration =    9.73 min.
Rainfall intensity =     3.724(In/Hr)
Area averaged loss rate (Fm) =    0.0440(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
Summary of stream data:

Stream Flow rate    Area     TC     Fm       Rainfall Intensity
 No.    (CFS)    (Ac.)       (min) (In/Hr)     (In/Hr)
```

```
1     13.14     4.420     11.78    0.044      3.320
2      5.98     1.760      9.73    0.044      3.724
Qmax(1) =
          1.000 *    1.000 *    13.144) +
          0.890 *    1.000 *     5.980) + =      18.468
Qmax(2) =
          1.123 *    0.826 *    13.144) +
          1.000 *    1.000 *     5.980) + =      18.173

Total of 2 main streams to confluence:
Flow rates before confluence point:
      14.144       6.980
Maximum flow rates at confluence using above data:
       18.468       18.173
Area of streams before confluence:
        4.420        1.760
Effective area values after confluence:
        6.180        5.411


Results of confluence:
Total flow rate =     18.468(CFS)
Time of concentration =    11.777 min.
Effective stream area after confluence  =      6.180(Ac.)
Study area average Pervious fraction(Ap) =  0.100
Study area average soil loss rate(Fm) =    0.044(In/Hr)
Study area total =       6.18(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station        6.000 to Point/Station        7.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
------------------------------------------------------------------------------
Upstream point/station elevation =  1043.600(Ft.)
Downstream point/station elevation =  1043.500(Ft.)
Pipe length  =    10.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    18.468(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    18.468(CFS)
Normal flow depth in pipe =   16.48(In.)
Flow top width inside pipe =   22.27(In.)
Critical Depth =   18.56(In.)
Pipe flow velocity =      8.03(Ft/s)
Travel time through pipe =    0.02 min.
Time of concentration (TC) =    11.80 min.
End of computations, Total Study Area =            6.18 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 0.100
Area averaged SCS curve number =  56.0
```

Appendix C
100-year Unit Hydrograph Hydrologic Analysis

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2004, Version 7.0

Study date 06/08/22

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San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6145

PATRIOT -WILLOW AT VALLEY INDUSTRIAL
100 YEAR STORM EVENT - EXISTING UNIT HYDROGRAPH
4754Q100EUH
CB

Storm Event Year = 100

Antecedent Moisture Condition = 3

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 100		
6.18	1	1.25
Rainfall data for year 100		
6.18	6	3.20
Rainfall data for year 100		
6.18	24	6.50

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 3)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
56.0	75.8	6.18	1.000	0.440	0.100	0.044

Area-averaged adjusted loss rate Fm (In/Hr) = 0.044

********* Area-Averaged low loss rate fraction, Yb **********

Area	Area	SCS CN	SCS CN	S	Pervious

(Ac.)	Fract	(AMC2)	(AMC3)		Yield Fr
0.62	0.100	56.0	75.8	3.19	0.584
5.56	0.900	98.0	98.0	0.20	0.963

Area-averaged catchment yield fraction, Y = 0.925
Area-averaged low loss fraction, Yb = 0.075
Direct entry of lag time by user
++
Watershed area = 6.18(Ac.)
Catchment Lag time = 0.106 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 78.6164
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.044(In/Hr)
Average low loss rate fraction (Yb) = 0.075 (decimal)
VALLEY DEVELOPED S-Graph Selected
Computed peak 5-minute rainfall = 0.463(In)
Computed peak 30-minute rainfall = 0.947(In)
Specified peak 1-hour rainfall = 1.250(In)
Computed peak 3-hour rainfall = 2.224(In)
Specified peak 6-hour rainfall = 3.200(In)
Specified peak 24-hour rainfall = 6.500(In)

Rainfall depth area reduction factors:
Using a total area of 6.18(Ac.) (Ref: fig. E-4)

5-minute factor = 1.000 Adjusted rainfall = 0.462(In)
30-minute factor = 1.000 Adjusted rainfall = 0.947(In)
1-hour factor = 1.000 Adjusted rainfall = 1.250(In)
3-hour factor = 1.000 Adjusted rainfall = 2.224(In)
6-hour factor = 1.000 Adjusted rainfall = 3.200(In)
24-hour factor = 1.000 Adjusted rainfall = 6.500(In)

U n i t H y d r o g r a p h
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Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
(K = 74.74 (CFS))		
1	10.941	8.177
2	62.419	38.475
3	93.489	23.221
4	98.750	3.932
5	100.000	0.934

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.4625	0.4625
2	0.6103	0.1478
3	0.7177	0.1075
4	0.8053	0.0875
5	0.8804	0.0752
6	0.9470	0.0666
7	1.0073	0.0602
8	1.0625	0.0553
9	1.1138	0.0513
10	1.1617	0.0479
11	1.2069	0.0451
12	1.2496	0.0427
13	1.3033	0.0536

14	1.3549	0.0517
15	1.4049	0.0500
16	1.4533	0.0484
17	1.5003	0.0470
18	1.5460	0.0457
19	1.5905	0.0445
20	1.6339	0.0434
21	1.6763	0.0424
22	1.7177	0.0414
23	1.7583	0.0405
24	1.7980	0.0397
25	1.8369	0.0389
26	1.8751	0.0382
27	1.9126	0.0375
28	1.9495	0.0369
29	1.9857	0.0362
30	2.0214	0.0356
31	2.0565	0.0351
32	2.0910	0.0346
33	2.1251	0.0340
34	2.1586	0.0336
35	2.1917	0.0331
36	2.2244	0.0326
37	2.2566	0.0322
38	2.2884	0.0318
39	2.3198	0.0314
40	2.3508	0.0310
41	2.3814	0.0307
42	2.4117	0.0303
43	2.4417	0.0300
44	2.4713	0.0296
45	2.5006	0.0293
46	2.5296	0.0290
47	2.5583	0.0287
48	2.5868	0.0284
49	2.6149	0.0281
50	2.6428	0.0279
51	2.6704	0.0276
52	2.6977	0.0273
53	2.7248	0.0271
54	2.7516	0.0269
55	2.7783	0.0266
56	2.8046	0.0264
57	2.8308	0.0262
58	2.8568	0.0259
59	2.8825	0.0257
60	2.9080	0.0255
61	2.9334	0.0253
62	2.9585	0.0251
63	2.9834	0.0249
64	3.0082	0.0248
65	3.0328	0.0246
66	3.0571	0.0244
67	3.0814	0.0242
68	3.1054	0.0240
69	3.1293	0.0239
70	3.1530	0.0237
71	3.1765	0.0236
72	3.1999	0.0234
73	3.2226	0.0226
74	3.2451	0.0225
75	3.2674	0.0223
76	3.2896	0.0222

77	3.3117	0.0221
78	3.3336	0.0219
79	3.3554	0.0218
80	3.3770	0.0216
81	3.3985	0.0215
82	3.4199	0.0214
83	3.4412	0.0213
84	3.4623	0.0211
85	3.4833	0.0210
86	3.5042	0.0209
87	3.5250	0.0208
88	3.5456	0.0207
89	3.5662	0.0205
90	3.5866	0.0204
91	3.6069	0.0203
92	3.6271	0.0202
93	3.6472	0.0201
94	3.6672	0.0200
95	3.6871	0.0199
96	3.7069	0.0198
97	3.7266	0.0197
98	3.7462	0.0196
99	3.7657	0.0195
100	3.7851	0.0194
101	3.8044	0.0193
102	3.8236	0.0192
103	3.8427	0.0191
104	3.8617	0.0190
105	3.8806	0.0189
106	3.8995	0.0188
107	3.9183	0.0188
108	3.9369	0.0187
109	3.9555	0.0186
110	3.9740	0.0185
111	3.9925	0.0184
112	4.0108	0.0183
113	4.0291	0.0183
114	4.0473	0.0182
115	4.0654	0.0181
116	4.0834	0.0180
117	4.1014	0.0180
118	4.1192	0.0179
119	4.1371	0.0178
120	4.1548	0.0177
121	4.1725	0.0177
122	4.1900	0.0176
123	4.2076	0.0175
124	4.2250	0.0175
125	4.2424	0.0174
126	4.2597	0.0173
127	4.2770	0.0172
128	4.2941	0.0172
129	4.3113	0.0171
130	4.3283	0.0171
131	4.3453	0.0170
132	4.3622	0.0169
133	4.3791	0.0169
134	4.3959	0.0168
135	4.4126	0.0167
136	4.4293	0.0167
137	4.4459	0.0166
138	4.4625	0.0166
139	4.4790	0.0165

140	4.4954	0.0164
141	4.5118	0.0164
142	4.5281	0.0163
143	4.5444	0.0163
144	4.5606	0.0162
145	4.5768	0.0162
146	4.5929	0.0161
147	4.6090	0.0161
148	4.6250	0.0160
149	4.6409	0.0159
150	4.6568	0.0159
151	4.6727	0.0158
152	4.6884	0.0158
153	4.7042	0.0157
154	4.7199	0.0157
155	4.7355	0.0156
156	4.7511	0.0156
157	4.7667	0.0155
158	4.7822	0.0155
159	4.7976	0.0154
160	4.8130	0.0154
161	4.8284	0.0154
162	4.8437	0.0153
163	4.8589	0.0153
164	4.8741	0.0152
165	4.8893	0.0152
166	4.9044	0.0151
167	4.9195	0.0151
168	4.9346	0.0150
169	4.9496	0.0150
170	4.9645	0.0149
171	4.9794	0.0149
172	4.9943	0.0149
173	5.0091	0.0148
174	5.0239	0.0148
175	5.0386	0.0147
176	5.0533	0.0147
177	5.0680	0.0147
178	5.0826	0.0146
179	5.0972	0.0146
180	5.1117	0.0145
181	5.1262	0.0145
182	5.1407	0.0145
183	5.1551	0.0144
184	5.1695	0.0144
185	5.1838	0.0143
186	5.1981	0.0143
187	5.2124	0.0143
188	5.2266	0.0142
189	5.2408	0.0142
190	5.2550	0.0142
191	5.2691	0.0141
192	5.2832	0.0141
193	5.2972	0.0140
194	5.3112	0.0140
195	5.3252	0.0140
196	5.3391	0.0139
197	5.3530	0.0139
198	5.3669	0.0139
199	5.3808	0.0138
200	5.3946	0.0138
201	5.4083	0.0138
202	5.4221	0.0137

203	5.4358	0.0137
204	5.4494	0.0137
205	5.4631	0.0136
206	5.4767	0.0136
207	5.4903	0.0136
208	5.5038	0.0135
209	5.5173	0.0135
210	5.5308	0.0135
211	5.5442	0.0134
212	5.5577	0.0134
213	5.5711	0.0134
214	5.5844	0.0134
215	5.5977	0.0133
216	5.6110	0.0133
217	5.6243	0.0133
218	5.6375	0.0132
219	5.6507	0.0132
220	5.6639	0.0132
221	5.6771	0.0131
222	5.6902	0.0131
223	5.7033	0.0131
224	5.7163	0.0131
225	5.7293	0.0130
226	5.7423	0.0130
227	5.7553	0.0130
228	5.7683	0.0129
229	5.7812	0.0129
230	5.7941	0.0129
231	5.8069	0.0129
232	5.8198	0.0128
233	5.8326	0.0128
234	5.8454	0.0128
235	5.8581	0.0128
236	5.8709	0.0127
237	5.8836	0.0127
238	5.8962	0.0127
239	5.9089	0.0127
240	5.9215	0.0126
241	5.9341	0.0126
242	5.9467	0.0126
243	5.9592	0.0125
244	5.9718	0.0125
245	5.9843	0.0125
246	5.9967	0.0125
247	6.0092	0.0124
248	6.0216	0.0124
249	6.0340	0.0124
250	6.0464	0.0124
251	6.0587	0.0124
252	6.0711	0.0123
253	6.0834	0.0123
254	6.0956	0.0123
255	6.1079	0.0123
256	6.1201	0.0122
257	6.1323	0.0122
258	6.1445	0.0122
259	6.1567	0.0122
260	6.1688	0.0121
261	6.1810	0.0121
262	6.1930	0.0121
263	6.2051	0.0121
264	6.2172	0.0120
265	6.2292	0.0120

266	6.2412	0.0120
267	6.2532	0.0120
268	6.2651	0.0120
269	6.2771	0.0119
270	6.2890	0.0119
271	6.3009	0.0119
272	6.3128	0.0119
273	6.3246	0.0119
274	6.3365	0.0118
275	6.3483	0.0118
276	6.3601	0.0118
277	6.3718	0.0118
278	6.3836	0.0117
279	6.3953	0.0117
280	6.4070	0.0117
281	6.4187	0.0117
282	6.4304	0.0117
283	6.4420	0.0116
284	6.4536	0.0116
285	6.4652	0.0116
286	6.4768	0.0116
287	6.4884	0.0116
288	6.4999	0.0115

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0115	0.0009	0.0107
2	0.0116	0.0009	0.0107
3	0.0116	0.0009	0.0107
4	0.0116	0.0009	0.0108
5	0.0117	0.0009	0.0108
6	0.0117	0.0009	0.0108
7	0.0117	0.0009	0.0109
8	0.0117	0.0009	0.0109
9	0.0118	0.0009	0.0109
10	0.0118	0.0009	0.0109
11	0.0119	0.0009	0.0110
12	0.0119	0.0009	0.0110
13	0.0119	0.0009	0.0110
14	0.0119	0.0009	0.0110
15	0.0120	0.0009	0.0111
16	0.0120	0.0009	0.0111
17	0.0120	0.0009	0.0112
18	0.0121	0.0009	0.0112
19	0.0121	0.0009	0.0112
20	0.0121	0.0009	0.0112
21	0.0122	0.0009	0.0113
22	0.0122	0.0009	0.0113
23	0.0123	0.0009	0.0113
24	0.0123	0.0009	0.0114
25	0.0123	0.0009	0.0114
26	0.0124	0.0009	0.0114
27	0.0124	0.0009	0.0115
28	0.0124	0.0009	0.0115
29	0.0125	0.0009	0.0115
30	0.0125	0.0009	0.0116
31	0.0125	0.0009	0.0116
32	0.0126	0.0009	0.0116
33	0.0126	0.0009	0.0117
34	0.0127	0.0009	0.0117
35	0.0127	0.0009	0.0118

36	0.0127	0.0010	0.0118
37	0.0128	0.0010	0.0118
38	0.0128	0.0010	0.0119
39	0.0129	0.0010	0.0119
40	0.0129	0.0010	0.0119
41	0.0129	0.0010	0.0120
42	0.0130	0.0010	0.0120
43	0.0130	0.0010	0.0121
44	0.0131	0.0010	0.0121
45	0.0131	0.0010	0.0121
46	0.0131	0.0010	0.0122
47	0.0132	0.0010	0.0122
48	0.0132	0.0010	0.0122
49	0.0133	0.0010	0.0123
50	0.0133	0.0010	0.0123
51	0.0134	0.0010	0.0124
52	0.0134	0.0010	0.0124
53	0.0135	0.0010	0.0125
54	0.0135	0.0010	0.0125
55	0.0136	0.0010	0.0126
56	0.0136	0.0010	0.0126
57	0.0137	0.0010	0.0127
58	0.0137	0.0010	0.0127
59	0.0138	0.0010	0.0127
60	0.0138	0.0010	0.0128
61	0.0139	0.0010	0.0128
62	0.0139	0.0010	0.0129
63	0.0140	0.0010	0.0129
64	0.0140	0.0010	0.0130
65	0.0141	0.0011	0.0130
66	0.0141	0.0011	0.0131
67	0.0142	0.0011	0.0131
68	0.0142	0.0011	0.0132
69	0.0143	0.0011	0.0132
70	0.0143	0.0011	0.0133
71	0.0144	0.0011	0.0133
72	0.0145	0.0011	0.0134
73	0.0145	0.0011	0.0135
74	0.0146	0.0011	0.0135
75	0.0147	0.0011	0.0136
76	0.0147	0.0011	0.0136
77	0.0148	0.0011	0.0137
78	0.0148	0.0011	0.0137
79	0.0149	0.0011	0.0138
80	0.0149	0.0011	0.0138
81	0.0150	0.0011	0.0139
82	0.0151	0.0011	0.0140
83	0.0152	0.0011	0.0140
84	0.0152	0.0011	0.0141
85	0.0153	0.0011	0.0142
86	0.0154	0.0011	0.0142
87	0.0154	0.0012	0.0143
88	0.0155	0.0012	0.0143
89	0.0156	0.0012	0.0144
90	0.0156	0.0012	0.0145
91	0.0157	0.0012	0.0146
92	0.0158	0.0012	0.0146
93	0.0159	0.0012	0.0147
94	0.0159	0.0012	0.0148
95	0.0161	0.0012	0.0149
96	0.0161	0.0012	0.0149
97	0.0162	0.0012	0.0150
98	0.0163	0.0012	0.0151

99	0.0164	0.0012	0.0152
100	0.0164	0.0012	0.0152
101	0.0166	0.0012	0.0153
102	0.0166	0.0012	0.0154
103	0.0167	0.0012	0.0155
104	0.0168	0.0013	0.0155
105	0.0169	0.0013	0.0157
106	0.0170	0.0013	0.0157
107	0.0171	0.0013	0.0158
108	0.0172	0.0013	0.0159
109	0.0173	0.0013	0.0160
110	0.0174	0.0013	0.0161
111	0.0175	0.0013	0.0162
112	0.0176	0.0013	0.0163
113	0.0177	0.0013	0.0164
114	0.0178	0.0013	0.0165
115	0.0180	0.0013	0.0166
116	0.0180	0.0013	0.0167
117	0.0182	0.0014	0.0168
118	0.0183	0.0014	0.0169
119	0.0184	0.0014	0.0171
120	0.0185	0.0014	0.0171
121	0.0187	0.0014	0.0173
122	0.0188	0.0014	0.0174
123	0.0189	0.0014	0.0175
124	0.0190	0.0014	0.0176
125	0.0192	0.0014	0.0178
126	0.0193	0.0014	0.0179
127	0.0195	0.0015	0.0180
128	0.0196	0.0015	0.0181
129	0.0198	0.0015	0.0183
130	0.0199	0.0015	0.0184
131	0.0201	0.0015	0.0186
132	0.0202	0.0015	0.0187
133	0.0204	0.0015	0.0189
134	0.0205	0.0015	0.0190
135	0.0208	0.0016	0.0192
136	0.0209	0.0016	0.0193
137	0.0211	0.0016	0.0196
138	0.0213	0.0016	0.0197
139	0.0215	0.0016	0.0199
140	0.0216	0.0016	0.0200
141	0.0219	0.0016	0.0203
142	0.0221	0.0016	0.0204
143	0.0223	0.0017	0.0207
144	0.0225	0.0017	0.0208
145	0.0234	0.0017	0.0216
146	0.0236	0.0018	0.0218
147	0.0239	0.0018	0.0221
148	0.0240	0.0018	0.0222
149	0.0244	0.0018	0.0226
150	0.0246	0.0018	0.0227
151	0.0249	0.0019	0.0231
152	0.0251	0.0019	0.0233
153	0.0255	0.0019	0.0236
154	0.0257	0.0019	0.0238
155	0.0262	0.0020	0.0242
156	0.0264	0.0020	0.0244
157	0.0269	0.0020	0.0248
158	0.0271	0.0020	0.0251
159	0.0276	0.0021	0.0255
160	0.0279	0.0021	0.0258
161	0.0284	0.0021	0.0263

162	0.0287	0.0021	0.0266
163	0.0293	0.0022	0.0271
164	0.0296	0.0022	0.0274
165	0.0303	0.0023	0.0280
166	0.0307	0.0023	0.0284
167	0.0314	0.0023	0.0291
168	0.0318	0.0024	0.0294
169	0.0326	0.0024	0.0302
170	0.0331	0.0025	0.0306
171	0.0340	0.0025	0.0315
172	0.0346	0.0026	0.0320
173	0.0356	0.0027	0.0330
174	0.0362	0.0027	0.0335
175	0.0375	0.0028	0.0347
176	0.0382	0.0029	0.0354
177	0.0397	0.0030	0.0368
178	0.0405	0.0030	0.0375
179	0.0424	0.0032	0.0392
180	0.0434	0.0032	0.0402
181	0.0457	0.0034	0.0423
182	0.0470	0.0035	0.0435
183	0.0500	0.0037	0.0463
184	0.0517	0.0037	0.0480
185	0.0427	0.0032	0.0396
186	0.0451	0.0034	0.0418
187	0.0513	0.0037	0.0476
188	0.0553	0.0037	0.0516
189	0.0666	0.0037	0.0629
190	0.0752	0.0037	0.0715
191	0.1075	0.0037	0.1038
192	0.1478	0.0037	0.1441
193	0.4625	0.0037	0.4588
194	0.0875	0.0037	0.0839
195	0.0602	0.0037	0.0566
196	0.0479	0.0036	0.0444
197	0.0536	0.0037	0.0500
198	0.0484	0.0036	0.0448
199	0.0445	0.0033	0.0412
200	0.0414	0.0031	0.0383
201	0.0389	0.0029	0.0360
202	0.0369	0.0028	0.0341
203	0.0351	0.0026	0.0325
204	0.0336	0.0025	0.0311
205	0.0322	0.0024	0.0298
206	0.0310	0.0023	0.0287
207	0.0300	0.0022	0.0277
208	0.0290	0.0022	0.0268
209	0.0281	0.0021	0.0260
210	0.0273	0.0020	0.0253
211	0.0266	0.0020	0.0246
212	0.0259	0.0019	0.0240
213	0.0253	0.0019	0.0234
214	0.0248	0.0018	0.0229
215	0.0242	0.0018	0.0224
216	0.0237	0.0018	0.0219
217	0.0226	0.0017	0.0210
218	0.0222	0.0017	0.0205
219	0.0218	0.0016	0.0202
220	0.0214	0.0016	0.0198
221	0.0210	0.0016	0.0194
222	0.0207	0.0015	0.0191
223	0.0203	0.0015	0.0188
224	0.0200	0.0015	0.0185

225	0.0197	0.0015	0.0182
226	0.0194	0.0014	0.0179
227	0.0191	0.0014	0.0177
228	0.0188	0.0014	0.0174
229	0.0186	0.0014	0.0172
230	0.0183	0.0014	0.0170
231	0.0181	0.0014	0.0168
232	0.0179	0.0013	0.0165
233	0.0177	0.0013	0.0163
234	0.0175	0.0013	0.0161
235	0.0172	0.0013	0.0160
236	0.0171	0.0013	0.0158
237	0.0169	0.0013	0.0156
238	0.0167	0.0012	0.0154
239	0.0165	0.0012	0.0153
240	0.0163	0.0012	0.0151
241	0.0162	0.0012	0.0150
242	0.0160	0.0012	0.0148
243	0.0158	0.0012	0.0147
244	0.0157	0.0012	0.0145
245	0.0155	0.0012	0.0144
246	0.0154	0.0011	0.0143
247	0.0153	0.0011	0.0141
248	0.0151	0.0011	0.0140
249	0.0150	0.0011	0.0139
250	0.0149	0.0011	0.0138
251	0.0147	0.0011	0.0136
252	0.0146	0.0011	0.0135
253	0.0145	0.0011	0.0134
254	0.0144	0.0011	0.0133
255	0.0143	0.0011	0.0132
256	0.0142	0.0011	0.0131
257	0.0140	0.0010	0.0130
258	0.0139	0.0010	0.0129
259	0.0138	0.0010	0.0128
260	0.0137	0.0010	0.0127
261	0.0136	0.0010	0.0126
262	0.0135	0.0010	0.0125
263	0.0134	0.0010	0.0124
264	0.0134	0.0010	0.0124
265	0.0133	0.0010	0.0123
266	0.0132	0.0010	0.0122
267	0.0131	0.0010	0.0121
268	0.0130	0.0010	0.0120
269	0.0129	0.0010	0.0120
270	0.0128	0.0010	0.0119
271	0.0128	0.0010	0.0118
272	0.0127	0.0009	0.0117
273	0.0126	0.0009	0.0117
274	0.0125	0.0009	0.0116
275	0.0124	0.0009	0.0115
276	0.0124	0.0009	0.0115
277	0.0123	0.0009	0.0114
278	0.0122	0.0009	0.0113
279	0.0122	0.0009	0.0113
280	0.0121	0.0009	0.0112
281	0.0120	0.0009	0.0111
282	0.0120	0.0009	0.0111
283	0.0119	0.0009	0.0110
284	0.0118	0.0009	0.0109
285	0.0118	0.0009	0.0109
286	0.0117	0.0009	0.0108
287	0.0116	0.0009	0.0108

288 0.0116 0.0009 0.0107

Total soil rain loss = 0.43(In)
Total effective rainfall = 6.07(In)
Peak flow rate in flood hydrograph = 22.16(CFS)

++

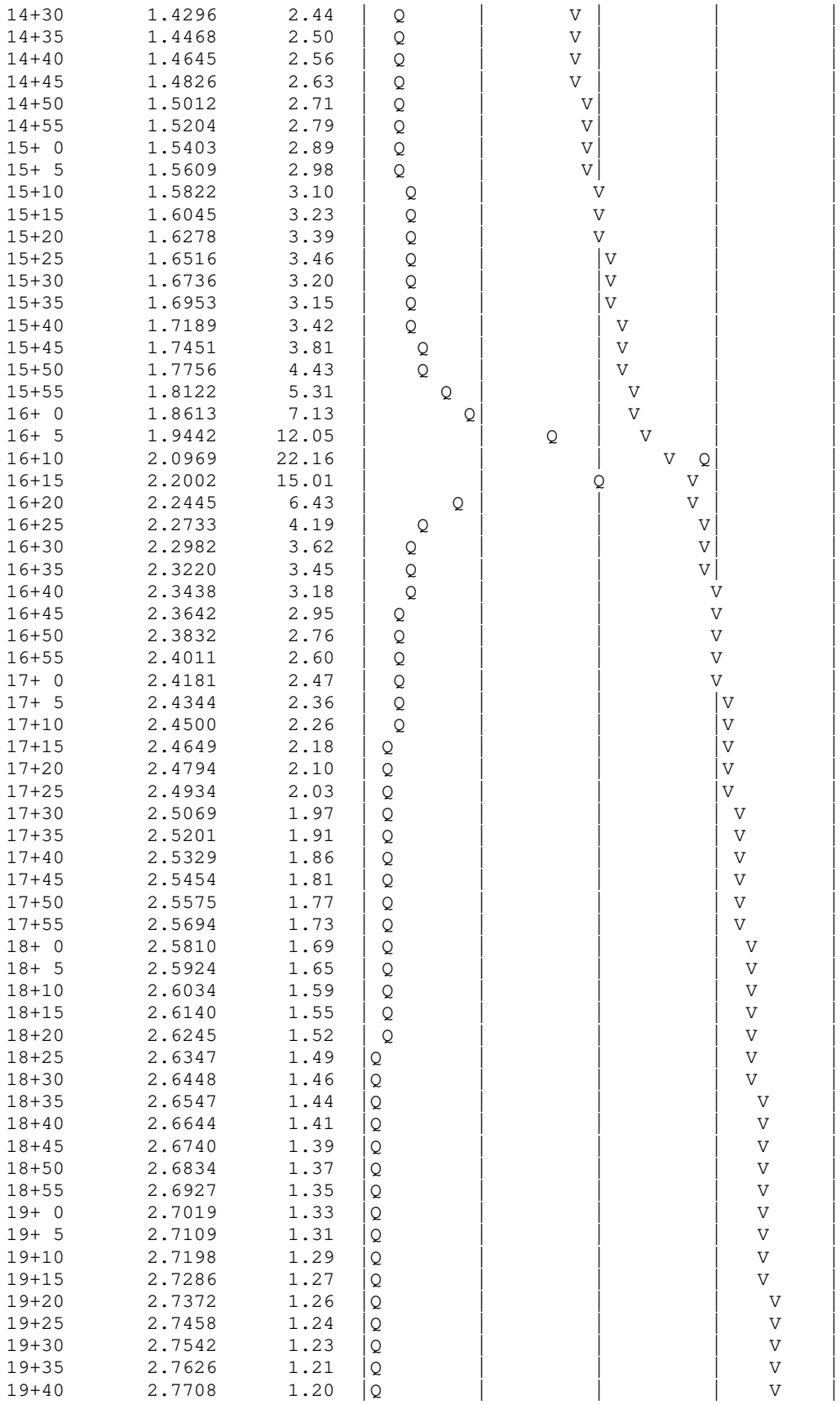
24 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	7.5	15.0	22.5	30.0
0+ 5	0.0006	0.09	Q				
0+10	0.0040	0.50	Q				
0+15	0.0092	0.75	Q				
0+20	0.0146	0.79	VQ				
0+25	0.0202	0.80	VQ				
0+30	0.0257	0.81	VQ				
0+35	0.0313	0.81	VQ				
0+40	0.0369	0.81	VQ				
0+45	0.0425	0.81	VQ				
0+50	0.0481	0.81	VQ				
0+55	0.0537	0.82	VQ				
1+ 0	0.0593	0.82	VQ				
1+ 5	0.0650	0.82	VQ				
1+10	0.0707	0.82	VQ				
1+15	0.0763	0.83	VQ				
1+20	0.0820	0.83	|Q				
1+25	0.0877	0.83	|Q				
1+30	0.0935	0.83	|Q				
1+35	0.0992	0.83	|Q				
1+40	0.1050	0.84	|Q				
1+45	0.1108	0.84	|Q				
1+50	0.1166	0.84	|Q				
1+55	0.1224	0.84	|Q				
2+ 0	0.1282	0.85	|Q				
2+ 5	0.1341	0.85	|Q				
2+10	0.1399	0.85	|Q				
2+15	0.1458	0.85	|Q				
2+20	0.1517	0.86	|Q				
2+25	0.1576	0.86	|QV				
2+30	0.1635	0.86	|QV				
2+35	0.1695	0.86	|QV				
2+40	0.1755	0.87	|QV				
2+45	0.1814	0.87	|QV				
2+50	0.1874	0.87	|QV				
2+55	0.1935	0.87	|QV				
3+ 0	0.1995	0.88	|QV				
3+ 5	0.2056	0.88	|QV				
3+10	0.2117	0.88	|QV				
3+15	0.2177	0.89	|QV				
3+20	0.2239	0.89	|QV				
3+25	0.2300	0.89	|QV				
3+30	0.2362	0.89	|Q V				
3+35	0.2423	0.90	|Q V				
3+40	0.2485	0.90	|Q V				
3+45	0.2547	0.90	|Q V				
3+50	0.2610	0.91	|Q V				
3+55	0.2672	0.91	|Q V				

4+ 0	0.2735	0.91	Q V			
4+ 5	0.2798	0.91	Q V			
4+10	0.2861	0.92	Q V			
4+15	0.2925	0.92	Q V			
4+20	0.2989	0.92	Q V			
4+25	0.3052	0.93	Q V			
4+30	0.3116	0.93	Q V			
4+35	0.3181	0.93	Q V			
4+40	0.3245	0.94	Q V			
4+45	0.3310	0.94	Q V			
4+50	0.3375	0.94	Q V			
4+55	0.3440	0.95	Q V			
5+ 0	0.3506	0.95	Q V			
5+ 5	0.3572	0.95	Q V			
5+10	0.3637	0.96	Q V			
5+15	0.3704	0.96	Q V			
5+20	0.3770	0.96	Q V			
5+25	0.3837	0.97	Q V			
5+30	0.3904	0.97	Q V			
5+35	0.3971	0.98	Q V			
5+40	0.4038	0.98	Q V			
5+45	0.4106	0.98	Q V			
5+50	0.4174	0.99	Q V			
5+55	0.4242	0.99	Q V			
6+ 0	0.4311	1.00	Q V			
6+ 5	0.4380	1.00	Q V			
6+10	0.4449	1.00	Q V			
6+15	0.4518	1.01	Q V			
6+20	0.4588	1.01	Q V			
6+25	0.4658	1.02	Q V			
6+30	0.4728	1.02	Q V			
6+35	0.4799	1.02	Q V			
6+40	0.4870	1.03	Q V			
6+45	0.4941	1.03	Q V			
6+50	0.5012	1.04	Q V			
6+55	0.5084	1.04	Q V			
7+ 0	0.5156	1.05	Q V			
7+ 5	0.5228	1.05	Q V			
7+10	0.5301	1.06	Q V			
7+15	0.5374	1.06	Q V			
7+20	0.5448	1.07	Q V			
7+25	0.5521	1.07	Q V			
7+30	0.5596	1.08	Q V			
7+35	0.5670	1.08	Q V			
7+40	0.5745	1.09	Q V			
7+45	0.5820	1.09	Q V			
7+50	0.5895	1.10	Q V			
7+55	0.5971	1.10	Q V			
8+ 0	0.6048	1.11	Q V			
8+ 5	0.6124	1.11	Q V			
8+10	0.6201	1.12	Q V			
8+15	0.6279	1.12	Q V			
8+20	0.6357	1.13	Q V			
8+25	0.6435	1.14	Q V			
8+30	0.6514	1.14	Q V			
8+35	0.6593	1.15	Q V			
8+40	0.6672	1.15	Q V			
8+45	0.6752	1.16	Q V			
8+50	0.6832	1.17	Q V			
8+55	0.6913	1.17	Q V			
9+ 0	0.6995	1.18	Q V			
9+ 5	0.7076	1.19	Q V			
9+10	0.7159	1.19	Q V			

9+15	0.7241	1.20	Q	V			
9+20	0.7324	1.21	Q	V			
9+25	0.7408	1.22	Q	V			
9+30	0.7492	1.22	Q	V			
9+35	0.7577	1.23	Q	V			
9+40	0.7662	1.24	Q	V			
9+45	0.7748	1.25	Q	V			
9+50	0.7835	1.25	Q	V			
9+55	0.7921	1.26	Q	V			
10+ 0	0.8009	1.27	Q	V			
10+ 5	0.8097	1.28	Q	V			
10+10	0.8186	1.29	Q	V			
10+15	0.8275	1.30	Q	V			
10+20	0.8365	1.31	Q	V			
10+25	0.8455	1.31	Q	V			
10+30	0.8546	1.32	Q	V			
10+35	0.8638	1.33	Q	V			
10+40	0.8731	1.34	Q	V			
10+45	0.8824	1.35	Q	V			
10+50	0.8918	1.36	Q	V			
10+55	0.9012	1.37	Q	V			
11+ 0	0.9108	1.38	Q	V			
11+ 5	0.9204	1.40	Q	V			
11+10	0.9301	1.41	Q	V			
11+15	0.9399	1.42	Q	V			
11+20	0.9497	1.43	Q	V			
11+25	0.9596	1.44	Q	V			
11+30	0.9697	1.46	Q	V			
11+35	0.9798	1.47	Q	V			
11+40	0.9900	1.48	Q	V			
11+45	1.0003	1.49	Q	V			
11+50	1.0107	1.51	Q	V			
11+55	1.0211	1.52	Q	V			
12+ 0	1.0317	1.54	Q	V			
12+ 5	1.0425	1.56	Q	V			
12+10	1.0534	1.59	Q	V			
12+15	1.0646	1.62	Q	V			
12+20	1.0759	1.64	Q	V			
12+25	1.0874	1.66	Q	V			
12+30	1.0989	1.68	Q	V			
12+35	1.1106	1.70	Q	V			
12+40	1.1224	1.72	Q	V			
12+45	1.1344	1.73	Q	V			
12+50	1.1464	1.76	Q	V			
12+55	1.1587	1.78	Q	V			
13+ 0	1.1711	1.80	Q	V			
13+ 5	1.1836	1.82	Q	V			
13+10	1.1963	1.85	Q	V			
13+15	1.2092	1.87	Q	V			
13+20	1.2222	1.90	Q	V			
13+25	1.2355	1.92	Q	V			
13+30	1.2489	1.95	Q	V			
13+35	1.2626	1.98	Q	V			
13+40	1.2764	2.01	Q	V			
13+45	1.2905	2.04	Q	V			
13+50	1.3048	2.08	Q	V			
13+55	1.3194	2.11	Q	V			
14+ 0	1.3342	2.15	Q	V			
14+ 5	1.3493	2.19	Q	V			
14+10	1.3647	2.24	Q	V			
14+15	1.3804	2.28	Q	V			
14+20	1.3964	2.33	Q	V			
14+25	1.4128	2.38	Q	V			



19+45	2.7790	1.18	Q			V	
19+50	2.7871	1.17	Q			V	
19+55	2.7950	1.16	Q			V	
20+ 0	2.8029	1.15	Q			V	
20+ 5	2.8107	1.13	Q			V	
20+10	2.8185	1.12	Q			V	
20+15	2.8261	1.11	Q			V	
20+20	2.8337	1.10	Q			V	
20+25	2.8412	1.09	Q			V	
20+30	2.8486	1.08	Q			V	
20+35	2.8560	1.07	Q			V	
20+40	2.8633	1.06	Q			V	
20+45	2.8705	1.05	Q			V	
20+50	2.8777	1.04	Q			V	
20+55	2.8848	1.03	Q			V	
21+ 0	2.8918	1.02	Q			V	
21+ 5	2.8988	1.01	Q			V	
21+10	2.9057	1.01	Q			V	
21+15	2.9126	1.00	Q			V	
21+20	2.9194	0.99	Q			V	
21+25	2.9261	0.98	Q			V	
21+30	2.9329	0.97	Q			V	
21+35	2.9395	0.97	Q			V	
21+40	2.9461	0.96	Q			V	
21+45	2.9527	0.95	Q			V	
21+50	2.9592	0.95	Q			V	
21+55	2.9657	0.94	Q			V	
22+ 0	2.9721	0.93	Q			V	
22+ 5	2.9785	0.93	Q			V	
22+10	2.9848	0.92	Q			V	
22+15	2.9911	0.91	Q			V	
22+20	2.9973	0.91	Q			V	
22+25	3.0035	0.90	Q			V	
22+30	3.0097	0.90	Q			V	
22+35	3.0158	0.89	Q			V	
22+40	3.0219	0.88	Q			V	
22+45	3.0280	0.88	Q			V	
22+50	3.0340	0.87	Q			V	
22+55	3.0400	0.87	Q			V	
23+ 0	3.0459	0.86	Q			V	
23+ 5	3.0518	0.86	Q			V	
23+10	3.0577	0.85	Q			V	
23+15	3.0635	0.85	Q			V	
23+20	3.0693	0.84	Q			V	
23+25	3.0751	0.84	Q			V	
23+30	3.0808	0.83	Q			V	
23+35	3.0865	0.83	Q			V	
23+40	3.0922	0.82	Q			V	
23+45	3.0979	0.82	Q			V	
23+50	3.1035	0.82	Q			V	
23+55	3.1091	0.81	Q			V	
24+ 0	3.1146	0.81	Q			V	
24+ 5	3.1196	0.72	Q			V	
24+10	3.1216	0.30	Q			V	
24+15	3.1220	0.05	Q			V	
24+20	3.1221	0.01	Q				V

U n i t H y d r o g r a p h A n a l y s i s

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Study date 06/08/22

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San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6145

PATRIOT - WILLOW AT VALLEY INDUSTRIAL
100 YEAR STORM EVENT - PROPOSED CONDITION UNIT HYDROGRAPH
4754Q100PUH
CB

Storm Event Year = 100

Antecedent Moisture Condition = 3

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 100		
6.18	1	1.25
Rainfall data for year 100		
6.18	6	3.20
Rainfall data for year 100		
6.18	24	6.50

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 3)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
56.0	75.8	6.18	1.000	0.440	0.170	0.075

Area-averaged adjusted loss rate Fm (In/Hr) = 0.075

********* Area-Averaged low loss rate fraction, Yb **********

Area	Area	SCS CN	SCS CN	S	Pervious

(Ac.)	Fract	(AMC2)	(AMC3)		Yield Fr
1.05	0.170	56.0	75.8	3.19	0.584
5.13	0.830	98.0	98.0	0.20	0.963

Area-averaged catchment yield fraction, Y = 0.899
Area-averaged low loss fraction, Yb = 0.101
Direct entry of lag time by user
++
Watershed area = 6.18(Ac.)
Catchment Lag time = 0.157 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 52.9773
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.075(In/Hr)
Average low loss rate fraction (Yb) = 0.101 (decimal)
VALLEY DEVELOPED S-Graph Selected
Computed peak 5-minute rainfall = 0.463(In)
Computed peak 30-minute rainfall = 0.947(In)
Specified peak 1-hour rainfall = 1.250(In)
Computed peak 3-hour rainfall = 2.224(In)
Specified peak 6-hour rainfall = 3.200(In)
Specified peak 24-hour rainfall = 6.500(In)

Rainfall depth area reduction factors:
Using a total area of 6.18(Ac.) (Ref: fig. E-4)

5-minute factor = 1.000 Adjusted rainfall = 0.462(In)
30-minute factor = 1.000 Adjusted rainfall = 0.947(In)
1-hour factor = 1.000 Adjusted rainfall = 1.250(In)
3-hour factor = 1.000 Adjusted rainfall = 2.224(In)
6-hour factor = 1.000 Adjusted rainfall = 3.200(In)
24-hour factor = 1.000 Adjusted rainfall = 6.500(In)

U n i t H y d r o g r a p h
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Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
(K = 74.74 (CFS))		
1	5.117	3.824
2	33.192	20.983
3	73.323	29.994
4	92.092	14.028
5	97.755	4.233
6	99.045	0.964
7	100.000	0.714

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.4625	0.4625
2	0.6103	0.1478
3	0.7177	0.1075
4	0.8053	0.0875
5	0.8804	0.0752
6	0.9470	0.0666
7	1.0073	0.0602
8	1.0625	0.0553
9	1.1138	0.0513
10	1.1617	0.0479
11	1.2069	0.0451

12	1.2496	0.0427
13	1.3033	0.0536
14	1.3549	0.0517
15	1.4049	0.0500
16	1.4533	0.0484
17	1.5003	0.0470
18	1.5460	0.0457
19	1.5905	0.0445
20	1.6339	0.0434
21	1.6763	0.0424
22	1.7177	0.0414
23	1.7583	0.0405
24	1.7980	0.0397
25	1.8369	0.0389
26	1.8751	0.0382
27	1.9126	0.0375
28	1.9495	0.0369
29	1.9857	0.0362
30	2.0214	0.0356
31	2.0565	0.0351
32	2.0910	0.0346
33	2.1251	0.0340
34	2.1586	0.0336
35	2.1917	0.0331
36	2.2244	0.0326
37	2.2566	0.0322
38	2.2884	0.0318
39	2.3198	0.0314
40	2.3508	0.0310
41	2.3814	0.0307
42	2.4117	0.0303
43	2.4417	0.0300
44	2.4713	0.0296
45	2.5006	0.0293
46	2.5296	0.0290
47	2.5583	0.0287
48	2.5868	0.0284
49	2.6149	0.0281
50	2.6428	0.0279
51	2.6704	0.0276
52	2.6977	0.0273
53	2.7248	0.0271
54	2.7516	0.0269
55	2.7783	0.0266
56	2.8046	0.0264
57	2.8308	0.0262
58	2.8568	0.0259
59	2.8825	0.0257
60	2.9080	0.0255
61	2.9334	0.0253
62	2.9585	0.0251
63	2.9834	0.0249
64	3.0082	0.0248
65	3.0328	0.0246
66	3.0571	0.0244
67	3.0814	0.0242
68	3.1054	0.0240
69	3.1293	0.0239
70	3.1530	0.0237
71	3.1765	0.0236
72	3.1999	0.0234
73	3.2226	0.0226
74	3.2451	0.0225

75	3.2674	0.0223
76	3.2896	0.0222
77	3.3117	0.0221
78	3.3336	0.0219
79	3.3554	0.0218
80	3.3770	0.0216
81	3.3985	0.0215
82	3.4199	0.0214
83	3.4412	0.0213
84	3.4623	0.0211
85	3.4833	0.0210
86	3.5042	0.0209
87	3.5250	0.0208
88	3.5456	0.0207
89	3.5662	0.0205
90	3.5866	0.0204
91	3.6069	0.0203
92	3.6271	0.0202
93	3.6472	0.0201
94	3.6672	0.0200
95	3.6871	0.0199
96	3.7069	0.0198
97	3.7266	0.0197
98	3.7462	0.0196
99	3.7657	0.0195
100	3.7851	0.0194
101	3.8044	0.0193
102	3.8236	0.0192
103	3.8427	0.0191
104	3.8617	0.0190
105	3.8806	0.0189
106	3.8995	0.0188
107	3.9183	0.0188
108	3.9369	0.0187
109	3.9555	0.0186
110	3.9740	0.0185
111	3.9925	0.0184
112	4.0108	0.0183
113	4.0291	0.0183
114	4.0473	0.0182
115	4.0654	0.0181
116	4.0834	0.0180
117	4.1014	0.0180
118	4.1192	0.0179
119	4.1371	0.0178
120	4.1548	0.0177
121	4.1725	0.0177
122	4.1900	0.0176
123	4.2076	0.0175
124	4.2250	0.0175
125	4.2424	0.0174
126	4.2597	0.0173
127	4.2770	0.0172
128	4.2941	0.0172
129	4.3113	0.0171
130	4.3283	0.0171
131	4.3453	0.0170
132	4.3622	0.0169
133	4.3791	0.0169
134	4.3959	0.0168
135	4.4126	0.0167
136	4.4293	0.0167
137	4.4459	0.0166

138	4.4625	0.0166
139	4.4790	0.0165
140	4.4954	0.0164
141	4.5118	0.0164
142	4.5281	0.0163
143	4.5444	0.0163
144	4.5606	0.0162
145	4.5768	0.0162
146	4.5929	0.0161
147	4.6090	0.0161
148	4.6250	0.0160
149	4.6409	0.0159
150	4.6568	0.0159
151	4.6727	0.0158
152	4.6884	0.0158
153	4.7042	0.0157
154	4.7199	0.0157
155	4.7355	0.0156
156	4.7511	0.0156
157	4.7667	0.0155
158	4.7822	0.0155
159	4.7976	0.0154
160	4.8130	0.0154
161	4.8284	0.0154
162	4.8437	0.0153
163	4.8589	0.0153
164	4.8741	0.0152
165	4.8893	0.0152
166	4.9044	0.0151
167	4.9195	0.0151
168	4.9346	0.0150
169	4.9496	0.0150
170	4.9645	0.0149
171	4.9794	0.0149
172	4.9943	0.0149
173	5.0091	0.0148
174	5.0239	0.0148
175	5.0386	0.0147
176	5.0533	0.0147
177	5.0680	0.0147
178	5.0826	0.0146
179	5.0972	0.0146
180	5.1117	0.0145
181	5.1262	0.0145
182	5.1407	0.0145
183	5.1551	0.0144
184	5.1695	0.0144
185	5.1838	0.0143
186	5.1981	0.0143
187	5.2124	0.0143
188	5.2266	0.0142
189	5.2408	0.0142
190	5.2550	0.0142
191	5.2691	0.0141
192	5.2832	0.0141
193	5.2972	0.0140
194	5.3112	0.0140
195	5.3252	0.0140
196	5.3391	0.0139
197	5.3530	0.0139
198	5.3669	0.0139
199	5.3808	0.0138
200	5.3946	0.0138

201	5.4083	0.0138
202	5.4221	0.0137
203	5.4358	0.0137
204	5.4494	0.0137
205	5.4631	0.0136
206	5.4767	0.0136
207	5.4903	0.0136
208	5.5038	0.0135
209	5.5173	0.0135
210	5.5308	0.0135
211	5.5442	0.0134
212	5.5577	0.0134
213	5.5711	0.0134
214	5.5844	0.0134
215	5.5977	0.0133
216	5.6110	0.0133
217	5.6243	0.0133
218	5.6375	0.0132
219	5.6507	0.0132
220	5.6639	0.0132
221	5.6771	0.0131
222	5.6902	0.0131
223	5.7033	0.0131
224	5.7163	0.0131
225	5.7293	0.0130
226	5.7423	0.0130
227	5.7553	0.0130
228	5.7683	0.0129
229	5.7812	0.0129
230	5.7941	0.0129
231	5.8069	0.0129
232	5.8198	0.0128
233	5.8326	0.0128
234	5.8454	0.0128
235	5.8581	0.0128
236	5.8709	0.0127
237	5.8836	0.0127
238	5.8962	0.0127
239	5.9089	0.0127
240	5.9215	0.0126
241	5.9341	0.0126
242	5.9467	0.0126
243	5.9592	0.0125
244	5.9718	0.0125
245	5.9843	0.0125
246	5.9967	0.0125
247	6.0092	0.0124
248	6.0216	0.0124
249	6.0340	0.0124
250	6.0464	0.0124
251	6.0587	0.0124
252	6.0711	0.0123
253	6.0834	0.0123
254	6.0956	0.0123
255	6.1079	0.0123
256	6.1201	0.0122
257	6.1323	0.0122
258	6.1445	0.0122
259	6.1567	0.0122
260	6.1688	0.0121
261	6.1810	0.0121
262	6.1930	0.0121
263	6.2051	0.0121

264	6.2172	0.0120
265	6.2292	0.0120
266	6.2412	0.0120
267	6.2532	0.0120
268	6.2651	0.0120
269	6.2771	0.0119
270	6.2890	0.0119
271	6.3009	0.0119
272	6.3128	0.0119
273	6.3246	0.0119
274	6.3365	0.0118
275	6.3483	0.0118
276	6.3601	0.0118
277	6.3718	0.0118
278	6.3836	0.0117
279	6.3953	0.0117
280	6.4070	0.0117
281	6.4187	0.0117
282	6.4304	0.0117
283	6.4420	0.0116
284	6.4536	0.0116
285	6.4652	0.0116
286	6.4768	0.0116
287	6.4884	0.0116
288	6.4999	0.0115

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0115	0.0012	0.0104
2	0.0116	0.0012	0.0104
3	0.0116	0.0012	0.0104
4	0.0116	0.0012	0.0104
5	0.0117	0.0012	0.0105
6	0.0117	0.0012	0.0105
7	0.0117	0.0012	0.0105
8	0.0117	0.0012	0.0106
9	0.0118	0.0012	0.0106
10	0.0118	0.0012	0.0106
11	0.0119	0.0012	0.0107
12	0.0119	0.0012	0.0107
13	0.0119	0.0012	0.0107
14	0.0119	0.0012	0.0107
15	0.0120	0.0012	0.0108
16	0.0120	0.0012	0.0108
17	0.0120	0.0012	0.0108
18	0.0121	0.0012	0.0109
19	0.0121	0.0012	0.0109
20	0.0121	0.0012	0.0109
21	0.0122	0.0012	0.0110
22	0.0122	0.0012	0.0110
23	0.0123	0.0012	0.0110
24	0.0123	0.0012	0.0110
25	0.0123	0.0012	0.0111
26	0.0124	0.0013	0.0111
27	0.0124	0.0013	0.0111
28	0.0124	0.0013	0.0112
29	0.0125	0.0013	0.0112
30	0.0125	0.0013	0.0112
31	0.0125	0.0013	0.0113
32	0.0126	0.0013	0.0113
33	0.0126	0.0013	0.0113

34	0.0127	0.0013	0.0114
35	0.0127	0.0013	0.0114
36	0.0127	0.0013	0.0114
37	0.0128	0.0013	0.0115
38	0.0128	0.0013	0.0115
39	0.0129	0.0013	0.0116
40	0.0129	0.0013	0.0116
41	0.0129	0.0013	0.0116
42	0.0130	0.0013	0.0117
43	0.0130	0.0013	0.0117
44	0.0131	0.0013	0.0117
45	0.0131	0.0013	0.0118
46	0.0131	0.0013	0.0118
47	0.0132	0.0013	0.0119
48	0.0132	0.0013	0.0119
49	0.0133	0.0013	0.0119
50	0.0133	0.0013	0.0120
51	0.0134	0.0014	0.0120
52	0.0134	0.0014	0.0121
53	0.0135	0.0014	0.0121
54	0.0135	0.0014	0.0121
55	0.0136	0.0014	0.0122
56	0.0136	0.0014	0.0122
57	0.0137	0.0014	0.0123
58	0.0137	0.0014	0.0123
59	0.0138	0.0014	0.0124
60	0.0138	0.0014	0.0124
61	0.0139	0.0014	0.0125
62	0.0139	0.0014	0.0125
63	0.0140	0.0014	0.0126
64	0.0140	0.0014	0.0126
65	0.0141	0.0014	0.0127
66	0.0141	0.0014	0.0127
67	0.0142	0.0014	0.0128
68	0.0142	0.0014	0.0128
69	0.0143	0.0014	0.0129
70	0.0143	0.0015	0.0129
71	0.0144	0.0015	0.0130
72	0.0145	0.0015	0.0130
73	0.0145	0.0015	0.0131
74	0.0146	0.0015	0.0131
75	0.0147	0.0015	0.0132
76	0.0147	0.0015	0.0132
77	0.0148	0.0015	0.0133
78	0.0148	0.0015	0.0133
79	0.0149	0.0015	0.0134
80	0.0149	0.0015	0.0134
81	0.0150	0.0015	0.0135
82	0.0151	0.0015	0.0136
83	0.0152	0.0015	0.0136
84	0.0152	0.0015	0.0137
85	0.0153	0.0015	0.0138
86	0.0154	0.0016	0.0138
87	0.0154	0.0016	0.0139
88	0.0155	0.0016	0.0139
89	0.0156	0.0016	0.0140
90	0.0156	0.0016	0.0141
91	0.0157	0.0016	0.0141
92	0.0158	0.0016	0.0142
93	0.0159	0.0016	0.0143
94	0.0159	0.0016	0.0143
95	0.0161	0.0016	0.0144
96	0.0161	0.0016	0.0145

97	0.0162	0.0016	0.0146
98	0.0163	0.0016	0.0146
99	0.0164	0.0017	0.0147
100	0.0164	0.0017	0.0148
101	0.0166	0.0017	0.0149
102	0.0166	0.0017	0.0149
103	0.0167	0.0017	0.0150
104	0.0168	0.0017	0.0151
105	0.0169	0.0017	0.0152
106	0.0170	0.0017	0.0153
107	0.0171	0.0017	0.0154
108	0.0172	0.0017	0.0154
109	0.0173	0.0018	0.0156
110	0.0174	0.0018	0.0156
111	0.0175	0.0018	0.0157
112	0.0176	0.0018	0.0158
113	0.0177	0.0018	0.0159
114	0.0178	0.0018	0.0160
115	0.0180	0.0018	0.0161
116	0.0180	0.0018	0.0162
117	0.0182	0.0018	0.0163
118	0.0183	0.0018	0.0164
119	0.0184	0.0019	0.0166
120	0.0185	0.0019	0.0166
121	0.0187	0.0019	0.0168
122	0.0188	0.0019	0.0169
123	0.0189	0.0019	0.0170
124	0.0190	0.0019	0.0171
125	0.0192	0.0019	0.0173
126	0.0193	0.0020	0.0173
127	0.0195	0.0020	0.0175
128	0.0196	0.0020	0.0176
129	0.0198	0.0020	0.0178
130	0.0199	0.0020	0.0179
131	0.0201	0.0020	0.0181
132	0.0202	0.0020	0.0182
133	0.0204	0.0021	0.0184
134	0.0205	0.0021	0.0185
135	0.0208	0.0021	0.0187
136	0.0209	0.0021	0.0188
137	0.0211	0.0021	0.0190
138	0.0213	0.0022	0.0191
139	0.0215	0.0022	0.0193
140	0.0216	0.0022	0.0195
141	0.0219	0.0022	0.0197
142	0.0221	0.0022	0.0198
143	0.0223	0.0023	0.0201
144	0.0225	0.0023	0.0202
145	0.0234	0.0024	0.0210
146	0.0236	0.0024	0.0212
147	0.0239	0.0024	0.0215
148	0.0240	0.0024	0.0216
149	0.0244	0.0025	0.0219
150	0.0246	0.0025	0.0221
151	0.0249	0.0025	0.0224
152	0.0251	0.0025	0.0226
153	0.0255	0.0026	0.0229
154	0.0257	0.0026	0.0231
155	0.0262	0.0026	0.0235
156	0.0264	0.0027	0.0237
157	0.0269	0.0027	0.0241
158	0.0271	0.0027	0.0244
159	0.0276	0.0028	0.0248

160	0.0279	0.0028	0.0250
161	0.0284	0.0029	0.0255
162	0.0287	0.0029	0.0258
163	0.0293	0.0030	0.0263
164	0.0296	0.0030	0.0266
165	0.0303	0.0031	0.0272
166	0.0307	0.0031	0.0275
167	0.0314	0.0032	0.0282
168	0.0318	0.0032	0.0286
169	0.0326	0.0033	0.0293
170	0.0331	0.0033	0.0297
171	0.0340	0.0034	0.0306
172	0.0346	0.0035	0.0311
173	0.0356	0.0036	0.0320
174	0.0362	0.0037	0.0326
175	0.0375	0.0038	0.0337
176	0.0382	0.0039	0.0343
177	0.0397	0.0040	0.0357
178	0.0405	0.0041	0.0364
179	0.0424	0.0043	0.0381
180	0.0434	0.0044	0.0390
181	0.0457	0.0046	0.0411
182	0.0470	0.0048	0.0422
183	0.0500	0.0051	0.0449
184	0.0517	0.0052	0.0465
185	0.0427	0.0043	0.0384
186	0.0451	0.0046	0.0406
187	0.0513	0.0052	0.0461
188	0.0553	0.0056	0.0497
189	0.0666	0.0062	0.0604
190	0.0752	0.0062	0.0689
191	0.1075	0.0062	0.1012
192	0.1478	0.0062	0.1415
193	0.4625	0.0062	0.4563
194	0.0875	0.0062	0.0813
195	0.0602	0.0061	0.0541
196	0.0479	0.0049	0.0431
197	0.0536	0.0054	0.0482
198	0.0484	0.0049	0.0435
199	0.0445	0.0045	0.0400
200	0.0414	0.0042	0.0372
201	0.0389	0.0039	0.0350
202	0.0369	0.0037	0.0331
203	0.0351	0.0036	0.0315
204	0.0336	0.0034	0.0302
205	0.0322	0.0033	0.0289
206	0.0310	0.0031	0.0279
207	0.0300	0.0030	0.0269
208	0.0290	0.0029	0.0261
209	0.0281	0.0028	0.0253
210	0.0273	0.0028	0.0246
211	0.0266	0.0027	0.0239
212	0.0259	0.0026	0.0233
213	0.0253	0.0026	0.0228
214	0.0248	0.0025	0.0222
215	0.0242	0.0025	0.0218
216	0.0237	0.0024	0.0213
217	0.0226	0.0023	0.0204
218	0.0222	0.0022	0.0200
219	0.0218	0.0022	0.0196
220	0.0214	0.0022	0.0192
221	0.0210	0.0021	0.0189
222	0.0207	0.0021	0.0186

223	0.0203	0.0021	0.0183
224	0.0200	0.0020	0.0180
225	0.0197	0.0020	0.0177
226	0.0194	0.0020	0.0174
227	0.0191	0.0019	0.0172
228	0.0188	0.0019	0.0169
229	0.0186	0.0019	0.0167
230	0.0183	0.0019	0.0165
231	0.0181	0.0018	0.0163
232	0.0179	0.0018	0.0161
233	0.0177	0.0018	0.0159
234	0.0175	0.0018	0.0157
235	0.0172	0.0017	0.0155
236	0.0171	0.0017	0.0153
237	0.0169	0.0017	0.0152
238	0.0167	0.0017	0.0150
239	0.0165	0.0017	0.0148
240	0.0163	0.0017	0.0147
241	0.0162	0.0016	0.0145
242	0.0160	0.0016	0.0144
243	0.0158	0.0016	0.0142
244	0.0157	0.0016	0.0141
245	0.0155	0.0016	0.0140
246	0.0154	0.0016	0.0138
247	0.0153	0.0015	0.0137
248	0.0151	0.0015	0.0136
249	0.0150	0.0015	0.0135
250	0.0149	0.0015	0.0134
251	0.0147	0.0015	0.0132
252	0.0146	0.0015	0.0131
253	0.0145	0.0015	0.0130
254	0.0144	0.0015	0.0129
255	0.0143	0.0014	0.0128
256	0.0142	0.0014	0.0127
257	0.0140	0.0014	0.0126
258	0.0139	0.0014	0.0125
259	0.0138	0.0014	0.0124
260	0.0137	0.0014	0.0123
261	0.0136	0.0014	0.0123
262	0.0135	0.0014	0.0122
263	0.0134	0.0014	0.0121
264	0.0134	0.0014	0.0120
265	0.0133	0.0013	0.0119
266	0.0132	0.0013	0.0118
267	0.0131	0.0013	0.0118
268	0.0130	0.0013	0.0117
269	0.0129	0.0013	0.0116
270	0.0128	0.0013	0.0115
271	0.0128	0.0013	0.0115
272	0.0127	0.0013	0.0114
273	0.0126	0.0013	0.0113
274	0.0125	0.0013	0.0113
275	0.0124	0.0013	0.0112
276	0.0124	0.0013	0.0111
277	0.0123	0.0012	0.0111
278	0.0122	0.0012	0.0110
279	0.0122	0.0012	0.0109
280	0.0121	0.0012	0.0109
281	0.0120	0.0012	0.0108
282	0.0120	0.0012	0.0108
283	0.0119	0.0012	0.0107
284	0.0118	0.0012	0.0106
285	0.0118	0.0012	0.0106

286	0.0117	0.0012	0.0105
287	0.0116	0.0012	0.0105
288	0.0116	0.0012	0.0104

Total soil rain loss = 0.60(In)
Total effective rainfall = 5.90(In)
Peak flow rate in flood hydrograph = 18.12(CFS)

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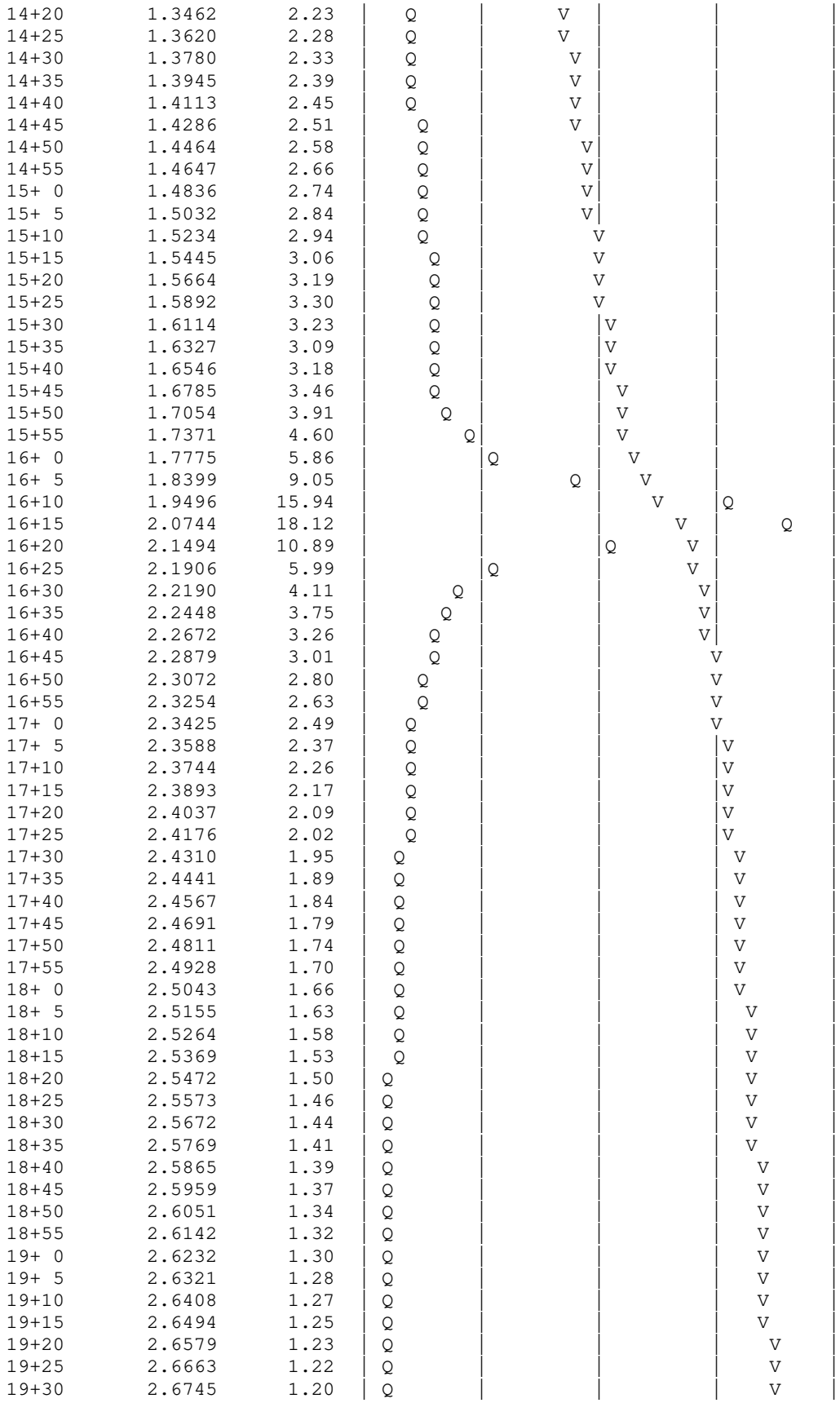
24 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	5.0	10.0	15.0	20.0
0+ 5	0.0003	0.04	Q				
0+10	0.0020	0.26	Q				
0+15	0.0060	0.57	VQ				
0+20	0.0109	0.72	VQ				
0+25	0.0161	0.76	VQ				
0+30	0.0215	0.77	VQ				
0+35	0.0269	0.78	VQ				
0+40	0.0323	0.79	VQ				
0+45	0.0377	0.79	VQ				
0+50	0.0431	0.79	VQ				
0+55	0.0486	0.79	VQ				
1+ 0	0.0541	0.79	VQ				
1+ 5	0.0595	0.80	VQ				
1+10	0.0650	0.80	VQ				
1+15	0.0706	0.80	VQ				
1+20	0.0761	0.80	|Q				
1+25	0.0816	0.80	|Q				
1+30	0.0872	0.81	|Q				
1+35	0.0927	0.81	|Q				
1+40	0.0983	0.81	|Q				
1+45	0.1039	0.81	|Q				
1+50	0.1096	0.82	|Q				
1+55	0.1152	0.82	|Q				
2+ 0	0.1208	0.82	|Q				
2+ 5	0.1265	0.82	|Q				
2+10	0.1322	0.83	|Q				
2+15	0.1379	0.83	|Q				
2+20	0.1436	0.83	|Q				
2+25	0.1493	0.83	|Q				
2+30	0.1551	0.84	|QV				
2+35	0.1609	0.84	|QV				
2+40	0.1667	0.84	|QV				
2+45	0.1725	0.84	|QV				
2+50	0.1783	0.85	|QV				
2+55	0.1841	0.85	|QV				
3+ 0	0.1900	0.85	|QV				
3+ 5	0.1958	0.85	|QV				
3+10	0.2017	0.86	|QV				
3+15	0.2076	0.86	|QV				
3+20	0.2136	0.86	|QV				
3+25	0.2195	0.86	|QV				
3+30	0.2255	0.87	|QV				
3+35	0.2315	0.87	|Q V				
3+40	0.2375	0.87	|Q V				
3+45	0.2435	0.87	|Q V				

3+50	0.2496	0.88	Q V			
3+55	0.2556	0.88	Q V			
4+ 0	0.2617	0.88	Q V			
4+ 5	0.2678	0.89	Q V			
4+10	0.2739	0.89	Q V			
4+15	0.2801	0.89	Q V			
4+20	0.2863	0.90	Q V			
4+25	0.2924	0.90	Q V			
4+30	0.2987	0.90	Q V			
4+35	0.3049	0.90	Q V			
4+40	0.3111	0.91	Q V			
4+45	0.3174	0.91	Q V			
4+50	0.3237	0.91	Q V			
4+55	0.3300	0.92	Q V			
5+ 0	0.3364	0.92	Q V			
5+ 5	0.3427	0.92	Q V			
5+10	0.3491	0.93	Q V			
5+15	0.3556	0.93	Q V			
5+20	0.3620	0.93	Q V			
5+25	0.3685	0.94	Q V			
5+30	0.3749	0.94	Q V			
5+35	0.3815	0.95	Q V			
5+40	0.3880	0.95	Q V			
5+45	0.3946	0.95	Q V			
5+50	0.4011	0.96	Q V			
5+55	0.4078	0.96	Q V			
6+ 0	0.4144	0.96	Q V			
6+ 5	0.4211	0.97	Q V			
6+10	0.4278	0.97	Q V			
6+15	0.4345	0.98	Q V			
6+20	0.4412	0.98	Q V			
6+25	0.4480	0.98	Q V			
6+30	0.4548	0.99	Q V			
6+35	0.4616	0.99	Q V			
6+40	0.4685	1.00	Q V			
6+45	0.4754	1.00	Q V			
6+50	0.4823	1.00	Q V			
6+55	0.4893	1.01	Q V			
7+ 0	0.4962	1.01	Q V			
7+ 5	0.5033	1.02	Q V			
7+10	0.5103	1.02	Q V			
7+15	0.5174	1.03	Q V			
7+20	0.5245	1.03	Q V			
7+25	0.5316	1.04	Q V			
7+30	0.5388	1.04	Q V			
7+35	0.5460	1.05	Q V			
7+40	0.5533	1.05	Q V			
7+45	0.5605	1.06	Q V			
7+50	0.5679	1.06	Q V			
7+55	0.5752	1.07	Q V			
8+ 0	0.5826	1.07	Q V			
8+ 5	0.5900	1.08	Q V			
8+10	0.5975	1.08	Q V			
8+15	0.6050	1.09	Q V			
8+20	0.6125	1.09	Q V			
8+25	0.6201	1.10	Q V			
8+30	0.6277	1.11	Q V			
8+35	0.6353	1.11	Q V			
8+40	0.6430	1.12	Q V			
8+45	0.6508	1.12	Q V			
8+50	0.6586	1.13	Q V			
8+55	0.6664	1.14	Q V			
9+ 0	0.6742	1.14	Q V			

9+ 5	0.6822	1.15	Q V				
9+10	0.6901	1.16	Q V				
9+15	0.6981	1.16	Q V				
9+20	0.7062	1.17	Q V				
9+25	0.7143	1.18	Q V				
9+30	0.7224	1.18	Q V				
9+35	0.7306	1.19	Q V				
9+40	0.7389	1.20	Q V				
9+45	0.7472	1.21	Q V				
9+50	0.7555	1.21	Q V				
9+55	0.7639	1.22	Q V				
10+ 0	0.7724	1.23	Q V				
10+ 5	0.7809	1.24	Q V				
10+10	0.7895	1.24	Q V				
10+15	0.7981	1.25	Q V				
10+20	0.8068	1.26	Q V				
10+25	0.8155	1.27	Q V				
10+30	0.8244	1.28	Q V				
10+35	0.8332	1.29	Q V				
10+40	0.8422	1.30	Q V				
10+45	0.8512	1.31	Q V				
10+50	0.8603	1.32	Q V				
10+55	0.8694	1.33	Q V				
11+ 0	0.8786	1.34	Q V				
11+ 5	0.8879	1.35	Q V				
11+10	0.8973	1.36	Q V				
11+15	0.9067	1.37	Q V				
11+20	0.9162	1.38	Q V				
11+25	0.9258	1.39	Q V				
11+30	0.9355	1.41	Q V				
11+35	0.9453	1.42	Q V				
11+40	0.9551	1.43	Q V				
11+45	0.9651	1.44	Q V				
11+50	0.9751	1.46	Q V				
11+55	0.9852	1.47	Q V				
12+ 0	0.9954	1.48	Q V				
12+ 5	1.0058	1.50	Q V				
12+10	1.0163	1.53	Q V				
12+15	1.0270	1.56	Q V				
12+20	1.0379	1.58	Q V				
12+25	1.0489	1.60	Q V				
12+30	1.0601	1.62	Q V				
12+35	1.0714	1.64	Q V				
12+40	1.0827	1.65	Q V				
12+45	1.0943	1.67	Q V				
12+50	1.1059	1.69	Q V				
12+55	1.1177	1.71	Q V				
13+ 0	1.1296	1.73	Q V				
13+ 5	1.1417	1.75	Q V				
13+10	1.1540	1.78	Q V				
13+15	1.1664	1.80	Q V				
13+20	1.1789	1.82	Q V				
13+25	1.1917	1.85	Q V				
13+30	1.2046	1.88	Q V				
13+35	1.2177	1.91	Q V				
13+40	1.2310	1.93	Q V				
13+45	1.2446	1.96	Q V				
13+50	1.2583	2.00	Q V				
13+55	1.2723	2.03	Q V				
14+ 0	1.2865	2.07	Q V				
14+ 5	1.3010	2.10	Q V				
14+10	1.3158	2.14	Q V				
14+15	1.3309	2.19	Q V				



19+35	2.6827	1.19	Q			V	
19+40	2.6908	1.17	Q			V	
19+45	2.6988	1.16	Q			V	
19+50	2.7067	1.15	Q			V	
19+55	2.7145	1.13	Q			V	
20+ 0	2.7222	1.12	Q			V	
20+ 5	2.7298	1.11	Q			V	
20+10	2.7374	1.10	Q			V	
20+15	2.7449	1.09	Q			V	
20+20	2.7523	1.07	Q			V	
20+25	2.7596	1.06	Q			V	
20+30	2.7668	1.05	Q			V	
20+35	2.7740	1.04	Q			V	
20+40	2.7812	1.03	Q			V	
20+45	2.7882	1.03	Q			V	
20+50	2.7952	1.02	Q			V	
20+55	2.8022	1.01	Q			V	
21+ 0	2.8090	1.00	Q			V	
21+ 5	2.8159	0.99	Q			V	
21+10	2.8226	0.98	Q			V	
21+15	2.8293	0.97	Q			V	
21+20	2.8360	0.97	Q			V	
21+25	2.8426	0.96	Q			V	
21+30	2.8491	0.95	Q			V	
21+35	2.8556	0.94	Q			V	
21+40	2.8621	0.94	Q			V	
21+45	2.8685	0.93	Q			V	
21+50	2.8748	0.92	Q			V	
21+55	2.8811	0.92	Q			V	
22+ 0	2.8874	0.91	Q			V	
22+ 5	2.8936	0.90	Q			V	
22+10	2.8998	0.90	Q			V	
22+15	2.9060	0.89	Q			V	
22+20	2.9120	0.89	Q			V	
22+25	2.9181	0.88	Q			V	
22+30	2.9241	0.87	Q			V	
22+35	2.9301	0.87	Q			V	
22+40	2.9360	0.86	Q			V	
22+45	2.9419	0.86	Q			V	
22+50	2.9478	0.85	Q			V	
22+55	2.9536	0.85	Q			V	
23+ 0	2.9594	0.84	Q			V	
23+ 5	2.9652	0.84	Q			V	
23+10	2.9709	0.83	Q			V	
23+15	2.9766	0.83	Q			V	
23+20	2.9823	0.82	Q			V	
23+25	2.9879	0.82	Q			V	
23+30	2.9935	0.81	Q			V	
23+35	2.9990	0.81	Q			V	
23+40	3.0046	0.80	Q			V	
23+45	3.0101	0.80	Q			V	
23+50	3.0156	0.79	Q			V	
23+55	3.0210	0.79	Q			V	
24+ 0	3.0264	0.79	Q			V	
24+ 5	3.0315	0.74	Q			V	
24+10	3.0351	0.52	Q			V	
24+15	3.0366	0.21	Q			V	
24+20	3.0370	0.06	Q			V	
24+25	3.0371	0.02	Q			V	
24+30	3.0372	0.01	Q				V

Appendix D
Basin Routing Analysis

Patriot - Willow at Valley Ind
Basin Routing Study Summary

Stage Storage Table

#	System Depth (ft)	Elevation	Area (sf)	Incremental volume (cf)	Total Volume (cf)	Total Volume (acre-ft)	Outflow Q (cfs)	Notes
1.0	0.0	1,039.00	7,000		0	0.0	-	**Bottom of Rock of Infiltration System**
2.0	0.50	1,039.50	7,000		2,240	0.05	0.54	**INV of CMP**
3.0	1.50	1,040.50	7,000		8,905	0.20	0.54	
4.0	2.50	1,041.50	7,000		17,120	0.39	0.54	
5.0	3.50	1,042.50	7,000		26,051	0.60	0.54	**WQMP DCV REACHED**
6.0	4.50	1,043.50	7,000		35,300	0.81	0.54	
7.0	5.50	1,044.50	7,000		44,549	1.02	0.54	
8.0	6.50	1,045.50	7,000		53,480	1.23	0.54	
9.0	7.50	1,046.50	7,000		61,695	1.42	0.54	
10.0	8.50	1,047.50	7,000		68,360	1.57	0.54	**Soffit of CMP**
11.0	9.00	1,048.00	7,000		70,600	1.62	0.54	**Top of Rock**
12.0	12.34	1,051.34	7,000				0.54	**INV of Parkway Culvert**
13.0	12.67	1,051.67	7,000				8.78	**Top of Parkway Culvert**

Infiltration rate per geotechnical report = 6.2"/hr, Factor of Safety =3.
Unit convert = 1(6.2"/hr)/3 x (1'/12") X (1hr/60min) X (1 min/60 sec) = 0.0000478 ft/sec
Underground Basin open area is = 11,200 SF
Therefore, Q out for basin = 11200 X 0.0000478 = 0.54 **cfs**

* WQMP Design Capture Volume is **22,256 CF**
System releases water at elevation **1051.34**

ORFICE DOES NOT OCCUR
Q OutFlow = (1.49/n) x AR^(2/3) x S^(1/2) + Infiltration Q
n = Manning's Coefficient = 0.014 concrete
A = Proposed 4'x4" Parkway Culvert = 4*.33=1.33
R = Hydraulic Radius = 0.2857
S = Slope of culvert = 0.018

Example: WSE @ 1051.67
= 1.49/0.014 x 1.33(0.2857)^(2/3) x 0.018^.5+0.90
=8.24+0.54
= 8.78 cfs

Basin Routing Summary Table

24 Hour Storm	Existing 2 Year	Existing 100 Year	Proposed 2 Year	Proposed 100 Year
Max. Q Out (CFS)	**9.0**	**22.2**	**0.5**	**4.0**
WSE	-	-	**1041.44**	**1051.48**

0.54 cfs will infiltrate

Peak discharge to Alice Ave is 3.4 CFS which is smaller than existing Q100 22.2 CFS.
In any event that the UG system has reached capacity it will take 40 hours and 5 minutes to completely drain by infiltration using a factor of safety of three.

FLOOD HYDROGRAPH ROUTING PROGRAM
Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
Study date: 07/07/22

PATRIOT - WILLOW AT VALLEY INDUSTRIAL
BASIN ROUTING STUDY - 2 YEAR 24 HOUR STORM
4754Q2BR
DS

Program License Serial Number 6145

********** HYDROGRAPH INFORMATION **********

From study/file name: 4754q2puh.rte
**********HYDROGRAPH DATA**********
Number of intervals = 294
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 7.076 (CFS)
Total volume = 1.074 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

++
Process from Point/Station 1.000 to Point/Station 1.000
**** RETARDING BASIN ROUTING ****
_____

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 294
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.050	0.540	0.048	0.052
1.500	0.200	0.540	0.198	0.202
2.500	0.390	0.540	0.388	0.392
3.500	0.600	0.540	0.598	0.602
4.500	0.810	0.540	0.808	0.812
5.500	1.020	0.540	1.018	1.022

6.500	1.230	0.540	1.228	1.232
7.500	1.420	0.540	1.418	1.422
8.500	1.570	0.540	1.568	1.572
9.000	1.620	0.540	1.618	1.622
12.340	1.621	0.540	1.619	1.623
12.670	1.622	8.780	1.592	1.652

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 1.8 3.54 5.31 7.08	Depth (Ft.)
0.083	0.01	0.00	0.000	O	0.00
0.167	0.07	0.00	0.000	O	0.00
0.250	0.16	0.01	0.001	O	0.01
0.333	0.21	0.02	0.002	O	0.02
0.417	0.22	0.04	0.004	OI	0.04
0.500	0.23	0.05	0.005	OI	0.05
0.583	0.23	0.06	0.006	OI	0.06
0.667	0.23	0.08	0.007	OI	0.07
0.750	0.23	0.09	0.008	OI	0.08
0.833	0.23	0.10	0.009	OI	0.09
0.917	0.23	0.11	0.010	OI	0.10
1.000	0.23	0.12	0.011	OI	0.11
1.083	0.23	0.12	0.011	OI	0.11
1.167	0.23	0.13	0.012	OI	0.12
1.250	0.23	0.14	0.013	OI	0.13
1.333	0.23	0.15	0.014	OI	0.14
1.417	0.24	0.15	0.014	OI	0.14
1.500	0.24	0.16	0.015	OI	0.15
1.583	0.24	0.16	0.015	OI	0.15
1.667	0.24	0.17	0.016	OI	0.16
1.750	0.24	0.17	0.016	OI	0.16
1.833	0.24	0.18	0.017	OI	0.17
1.917	0.24	0.18	0.017	OI	0.17
2.000	0.24	0.19	0.017	OI	0.17
2.083	0.24	0.19	0.018	OI	0.18
2.167	0.24	0.19	0.018	OI	0.18
2.250	0.24	0.20	0.018	OI	0.18
2.333	0.24	0.20	0.019	OI	0.19
2.417	0.25	0.20	0.019	OI	0.19
2.500	0.25	0.21	0.019	OI	0.19
2.583	0.25	0.21	0.019	OI	0.19
2.667	0.25	0.21	0.020	OI	0.20
2.750	0.25	0.22	0.020	OI	0.20
2.833	0.25	0.22	0.020	OI	0.20
2.917	0.25	0.22	0.020	OI	0.20
3.000	0.25	0.22	0.021	|O	0.21
3.083	0.25	0.22	0.021	|O	0.21
3.167	0.25	0.23	0.021	|O	0.21
3.250	0.25	0.23	0.021	|O	0.21
3.333	0.26	0.23	0.021	|O	0.21
3.417	0.26	0.23	0.022	|O	0.22
3.500	0.26	0.23	0.022	|O	0.22
3.583	0.26	0.24	0.022	|O	0.22
3.667	0.26	0.24	0.022	|O	0.22
3.750	0.26	0.24	0.022	|O	0.22
3.833	0.26	0.24	0.022	|O	0.22
3.917	0.26	0.24	0.022	|O	0.22
4.000	0.26	0.24	0.023	|O	0.23
4.083	0.26	0.25	0.023	|O	0.23

4.167	0.27	0.25	0.023	O				0.23
4.250	0.27	0.25	0.023	O				0.23
4.333	0.27	0.25	0.023	O				0.23
4.417	0.27	0.25	0.023	O				0.23
4.500	0.27	0.25	0.023	O				0.23
4.583	0.27	0.25	0.023	O				0.23
4.667	0.27	0.25	0.024	O				0.24
4.750	0.27	0.26	0.024	O				0.24
4.833	0.27	0.26	0.024	O				0.24
4.917	0.28	0.26	0.024	O				0.24
5.000	0.28	0.26	0.024	O				0.24
5.083	0.28	0.26	0.024	O				0.24
5.167	0.28	0.26	0.024	O				0.24
5.250	0.28	0.26	0.024	O				0.24
5.333	0.28	0.26	0.024	O				0.24
5.417	0.28	0.27	0.025	O				0.25
5.500	0.28	0.27	0.025	O				0.25
5.583	0.29	0.27	0.025	O				0.25
5.667	0.29	0.27	0.025	O				0.25
5.750	0.29	0.27	0.025	O				0.25
5.833	0.29	0.27	0.025	O				0.25
5.917	0.29	0.27	0.025	O				0.25
6.000	0.29	0.27	0.025	O				0.25
6.083	0.29	0.28	0.026	O				0.26
6.167	0.29	0.28	0.026	O				0.26
6.250	0.30	0.28	0.026	O				0.26
6.333	0.30	0.28	0.026	O				0.26
6.417	0.30	0.28	0.026	O				0.26
6.500	0.30	0.28	0.026	O				0.26
6.583	0.30	0.28	0.026	O				0.26
6.667	0.30	0.29	0.026	O				0.26
6.750	0.30	0.29	0.027	O				0.27
6.833	0.31	0.29	0.027	O				0.27
6.917	0.31	0.29	0.027	O				0.27
7.000	0.31	0.29	0.027	O				0.27
7.083	0.31	0.29	0.027	O				0.27
7.167	0.31	0.29	0.027	O				0.27
7.250	0.31	0.29	0.027	O				0.27
7.333	0.32	0.30	0.027	O				0.27
7.417	0.32	0.30	0.028	O				0.28
7.500	0.32	0.30	0.028	O				0.28
7.583	0.32	0.30	0.028	O				0.28
7.667	0.32	0.30	0.028	O				0.28
7.750	0.32	0.30	0.028	O				0.28
7.833	0.33	0.31	0.028	O				0.28
7.917	0.33	0.31	0.028	O				0.28
8.000	0.33	0.31	0.029	O				0.29
8.083	0.33	0.31	0.029	O				0.29
8.167	0.33	0.31	0.029	O				0.29
8.250	0.34	0.31	0.029	O				0.29
8.333	0.34	0.32	0.029	O				0.29
8.417	0.34	0.32	0.029	O				0.29
8.500	0.34	0.32	0.030	O				0.30
8.583	0.34	0.32	0.030	O				0.30
8.667	0.35	0.32	0.030	O				0.30
8.750	0.35	0.32	0.030	O				0.30
8.833	0.35	0.33	0.030	O				0.30
8.917	0.35	0.33	0.030	O				0.30
9.000	0.36	0.33	0.031	O				0.31
9.083	0.36	0.33	0.031	O				0.31
9.167	0.36	0.33	0.031	O				0.31
9.250	0.36	0.34	0.031	O				0.31
9.333	0.37	0.34	0.031	O				0.31

9.417	0.37	0.34	0.031	O				0.31
9.500	0.37	0.34	0.032	O				0.32
9.583	0.37	0.34	0.032	O				0.32
9.667	0.38	0.35	0.032	O				0.32
9.750	0.38	0.35	0.032	O				0.32
9.833	0.38	0.35	0.033	O				0.33
9.917	0.39	0.35	0.033	O				0.33
10.000	0.39	0.36	0.033	O				0.33
10.083	0.39	0.36	0.033	O				0.33
10.167	0.39	0.36	0.033	O				0.33
10.250	0.40	0.36	0.034	O				0.34
10.333	0.40	0.37	0.034	O				0.34
10.417	0.40	0.37	0.034	O				0.34
10.500	0.41	0.37	0.034	O				0.34
10.583	0.41	0.37	0.035	O				0.35
10.667	0.41	0.38	0.035	O				0.35
10.750	0.42	0.38	0.035	O				0.35
10.833	0.42	0.38	0.035	O				0.35
10.917	0.43	0.39	0.036	O				0.36
11.000	0.43	0.39	0.036	O				0.36
11.083	0.43	0.39	0.036	O				0.36
11.167	0.44	0.39	0.037	O				0.37
11.250	0.44	0.40	0.037	O				0.37
11.333	0.45	0.40	0.037	OI				0.37
11.417	0.45	0.40	0.037	OI				0.37
11.500	0.45	0.41	0.038	OI				0.38
11.583	0.46	0.41	0.038	OI				0.38
11.667	0.46	0.41	0.038	OI				0.38
11.750	0.47	0.42	0.039	OI				0.39
11.833	0.47	0.42	0.039	OI				0.39
11.917	0.48	0.43	0.039	OI				0.39
12.000	0.48	0.43	0.040	OI				0.40
12.083	0.50	0.43	0.040	OI				0.40
12.167	0.55	0.44	0.041	OI				0.41
12.250	0.63	0.45	0.042	O				0.42
12.333	0.67	0.47	0.043	OI				0.43
12.417	0.69	0.48	0.045	OI				0.45
12.500	0.70	0.50	0.046	OI				0.46
12.583	0.71	0.51	0.047	OI				0.47
12.667	0.71	0.53	0.049	OI				0.49
12.750	0.72	0.54	0.050	OI				0.50
12.833	0.73	0.54	0.051	OI				0.51
12.917	0.74	0.54	0.053	OI				0.52
13.000	0.74	0.54	0.054	OI				0.53
13.083	0.75	0.54	0.055	OI				0.54
13.167	0.76	0.54	0.057	OI				0.55
13.250	0.77	0.54	0.058	OI				0.56
13.333	0.78	0.54	0.060	OI				0.57
13.417	0.79	0.54	0.062	OI				0.58
13.500	0.80	0.54	0.064	OI				0.59
13.583	0.81	0.54	0.065	OI				0.60
13.667	0.82	0.54	0.067	OI				0.61
13.750	0.83	0.54	0.069	OI				0.63
13.833	0.84	0.54	0.071	OI				0.64
13.917	0.86	0.54	0.073	OI				0.66
14.000	0.87	0.54	0.076	OI				0.67
14.083	0.89	0.54	0.078	O I				0.69
14.167	0.90	0.54	0.080	O I				0.70
14.250	0.92	0.54	0.083	O I				0.72
14.333	0.93	0.54	0.086	O I				0.74
14.417	0.95	0.54	0.088	O I				0.76
14.500	0.97	0.54	0.091	O I				0.77
14.583	0.99	0.54	0.094	O I				0.80

14.667	1.01	0.54	0.097	O I				0.82
14.750	1.04	0.54	0.101	O I				0.84
14.833	1.06	0.54	0.104	O I				0.86
14.917	1.09	0.54	0.108	O I				0.89
15.000	1.12	0.54	0.112	O I				0.91
15.083	1.16	0.54	0.116	O I				0.94
15.167	1.19	0.54	0.120	O I				0.97
15.250	1.24	0.54	0.125	O I				1.00
15.333	1.28	0.54	0.130	O I				1.03
15.417	1.32	0.54	0.135	O I				1.07
15.500	1.26	0.54	0.140	O I				1.10
15.583	1.15	0.54	0.145	O I				1.13
15.667	1.16	0.54	0.149	O I				1.16
15.750	1.25	0.54	0.154	O I				1.19
15.833	1.41	0.54	0.159	O I				1.23
15.917	1.64	0.54	0.166	O I				1.27
16.000	2.05	0.54	0.175	O	I			1.33
16.083	3.23	0.54	0.189	O	I			1.43
16.167	6.03	0.54	0.218	O			I	1.59
16.250	7.08	0.54	0.259	O			I	1.81
16.333	4.24	0.54	0.294	O		I		2.00
16.417	2.28	0.54	0.313	O	I			2.09
16.500	1.56	0.54	0.322	O I				2.14
16.583	1.47	0.54	0.329	O I				2.18
16.667	1.30	0.54	0.335	O I				2.21
16.750	1.22	0.54	0.340	O I				2.24
16.833	1.14	0.54	0.344	O I				2.26
16.917	1.08	0.54	0.348	O I				2.28
17.000	1.03	0.54	0.352	O I				2.30
17.083	0.98	0.54	0.355	O I				2.32
17.167	0.95	0.54	0.358	O I				2.33
17.250	0.91	0.54	0.361	O I				2.35
17.333	0.88	0.54	0.363	OI				2.36
17.417	0.85	0.54	0.365	OI				2.37
17.500	0.83	0.54	0.367	OI				2.38
17.583	0.81	0.54	0.369	OI				2.39
17.667	0.79	0.54	0.371	OI				2.40
17.750	0.77	0.54	0.373	OI				2.41
17.833	0.75	0.54	0.374	OI				2.42
17.917	0.73	0.54	0.376	OI				2.42
18.000	0.72	0.54	0.377	OI				2.43
18.083	0.70	0.54	0.378	OI				2.44
18.167	0.63	0.54	0.379	O				2.44
18.250	0.55	0.54	0.379	O				2.44
18.333	0.50	0.54	0.379	O				2.44
18.417	0.48	0.54	0.379	O				2.44
18.500	0.47	0.54	0.378	O				2.44
18.583	0.46	0.54	0.378	O				2.44
18.667	0.45	0.54	0.377	O				2.43
18.750	0.44	0.54	0.377	IO				2.43
18.833	0.43	0.54	0.376	IO				2.43
18.917	0.42	0.54	0.375	IO				2.42
19.000	0.42	0.54	0.374	IO				2.42
19.083	0.41	0.54	0.373	IO				2.41
19.167	0.40	0.54	0.372	IO				2.41
19.250	0.40	0.54	0.372	IO				2.40
19.333	0.39	0.54	0.371	IO				2.40
19.417	0.38	0.54	0.369	IO				2.39
19.500	0.38	0.54	0.368	IO				2.39
19.583	0.37	0.54	0.367	IO				2.38
19.667	0.37	0.54	0.366	IO				2.37
19.750	0.36	0.54	0.365	IO				2.37
19.833	0.36	0.54	0.364	IO				2.36

19.917	0.35	0.54	0.362	IO				2.35
20.000	0.35	0.54	0.361	IO				2.35
20.083	0.34	0.54	0.360	IO				2.34
20.167	0.34	0.54	0.358	IO				2.33
20.250	0.34	0.54	0.357	IO				2.33
20.333	0.33	0.54	0.356	IO				2.32
20.417	0.33	0.54	0.354	IO				2.31
20.500	0.32	0.54	0.353	IO				2.30
20.583	0.32	0.54	0.351	IO				2.30
20.667	0.32	0.54	0.350	IO				2.29
20.750	0.31	0.54	0.348	IO				2.28
20.833	0.31	0.54	0.346	IO				2.27
20.917	0.31	0.54	0.345	IO				2.26
21.000	0.30	0.54	0.343	IO				2.25
21.083	0.30	0.54	0.342	IO				2.25
21.167	0.30	0.54	0.340	IO				2.24
21.250	0.30	0.54	0.338	IO				2.23
21.333	0.29	0.54	0.337	IO				2.22
21.417	0.29	0.54	0.335	IO				2.21
21.500	0.29	0.54	0.333	IO				2.20
21.583	0.28	0.54	0.331	IO				2.19
21.667	0.28	0.54	0.330	IO				2.18
21.750	0.28	0.54	0.328	IO				2.17
21.833	0.28	0.54	0.326	IO				2.16
21.917	0.27	0.54	0.324	IO				2.15
22.000	0.27	0.54	0.322	IO				2.14
22.083	0.27	0.54	0.321	IO				2.13
22.167	0.27	0.54	0.319	IO				2.12
22.250	0.27	0.54	0.317	IO				2.11
22.333	0.26	0.54	0.315	IO				2.10
22.417	0.26	0.54	0.313	IO				2.09
22.500	0.26	0.54	0.311	IO				2.08
22.583	0.26	0.54	0.309	IO				2.07
22.667	0.26	0.54	0.307	IO				2.06
22.750	0.25	0.54	0.305	IO				2.05
22.833	0.25	0.54	0.303	IO				2.04
22.917	0.25	0.54	0.301	IO				2.03
23.000	0.25	0.54	0.299	IO				2.02
23.083	0.25	0.54	0.297	IO				2.01
23.167	0.25	0.54	0.295	IO				2.00
23.250	0.24	0.54	0.293	IO				1.99
23.333	0.24	0.54	0.291	IO				1.98
23.417	0.24	0.54	0.289	IO				1.97
23.500	0.24	0.54	0.287	IO				1.96
23.583	0.24	0.54	0.285	IO				1.95
23.667	0.24	0.54	0.283	IO				1.94
23.750	0.23	0.54	0.281	IO				1.92
23.833	0.23	0.54	0.279	IO				1.91
23.917	0.23	0.54	0.276	IO				1.90
24.000	0.23	0.54	0.274	IO				1.89
24.083	0.22	0.54	0.272	I O				1.88
24.167	0.15	0.54	0.270	I O				1.87
24.250	0.06	0.54	0.267	I O				1.85
24.333	0.02	0.54	0.263	I O				1.83
24.417	0.01	0.54	0.260	I O				1.81
24.500	0.00	0.54	0.256	I O				1.79
24.583	0.00	0.54	0.252	I O				1.78
24.667	0.00	0.54	0.249	I O				1.76
24.750	0.00	0.54	0.245	I O				1.74
24.833	0.00	0.54	0.241	I O				1.72
24.917	0.00	0.54	0.237	I O				1.70
25.000	0.00	0.54	0.234	I O				1.68
25.083	0.00	0.54	0.230	I O				1.66

25.167	0.00	0.54	0.226	I O				1.64
25.250	0.00	0.54	0.223	I O				1.62
25.333	0.00	0.54	0.219	I O				1.60
25.417	0.00	0.54	0.215	I O				1.58
25.500	0.00	0.54	0.211	I O				1.56
25.583	0.00	0.54	0.208	I O				1.54
25.667	0.00	0.54	0.204	I O				1.52
25.750	0.00	0.54	0.200	I O				1.50
25.833	0.00	0.54	0.196	I O				1.48
25.917	0.00	0.54	0.193	I O				1.45
26.000	0.00	0.54	0.189	I O				1.43
26.083	0.00	0.54	0.185	I O				1.40
26.167	0.00	0.54	0.182	I O				1.38
26.250	0.00	0.54	0.178	I O				1.35
26.333	0.00	0.54	0.174	I O				1.33
26.417	0.00	0.54	0.170	I O				1.30
26.500	0.00	0.54	0.167	I O				1.28
26.583	0.00	0.54	0.163	I O				1.25
26.667	0.00	0.54	0.159	I O				1.23
26.750	0.00	0.54	0.156	I O				1.20
26.833	0.00	0.54	0.152	I O				1.18
26.917	0.00	0.54	0.148	I O				1.15
27.000	0.00	0.54	0.144	I O				1.13
27.083	0.00	0.54	0.141	I O				1.10
27.167	0.00	0.54	0.137	I O				1.08
27.250	0.00	0.54	0.133	I O				1.06
27.333	0.00	0.54	0.130	I O				1.03
27.417	0.00	0.54	0.126	I O				1.01
27.500	0.00	0.54	0.122	I O				0.98
27.583	0.00	0.54	0.118	I O				0.96
27.667	0.00	0.54	0.115	I O				0.93
27.750	0.00	0.54	0.111	I O				0.91
27.833	0.00	0.54	0.107	I O				0.88
27.917	0.00	0.54	0.104	I O				0.86
28.000	0.00	0.54	0.100	I O				0.83
28.083	0.00	0.54	0.096	I O				0.81
28.167	0.00	0.54	0.092	I O				0.78
28.250	0.00	0.54	0.089	I O				0.76
28.333	0.00	0.54	0.085	I O				0.73
28.417	0.00	0.54	0.081	I O				0.71
28.500	0.00	0.54	0.077	I O				0.68
28.583	0.00	0.54	0.074	I O				0.66
28.667	0.00	0.54	0.070	I O				0.63
28.750	0.00	0.54	0.066	I O				0.61
28.833	0.00	0.54	0.063	I O				0.58
28.917	0.00	0.54	0.059	I O				0.56
29.000	0.00	0.54	0.055	I O				0.53
29.083	0.00	0.54	0.051	I O				0.51
29.167	0.00	0.52	0.048	I O				0.48
29.250	0.00	0.48	0.044	I O				0.44
29.333	0.00	0.44	0.041	I O				0.41
29.417	0.00	0.41	0.038	IO				0.38
29.500	0.00	0.38	0.035	IO				0.35
29.583	0.00	0.36	0.033	IO				0.33
29.667	0.00	0.33	0.031	IO				0.31
29.750	0.00	0.31	0.028	IO				0.28
29.833	0.00	0.28	0.026	IO				0.26
29.917	0.00	0.26	0.024	IO				0.24
30.000	0.00	0.25	0.023	IO				0.23
30.083	0.00	0.23	0.021	IO				0.21
30.167	0.00	0.21	0.020	O				0.20
30.250	0.00	0.20	0.018	O				0.18
30.333	0.00	0.18	0.017	O				0.17

30.417	0.00	0.17	0.016	O	|	|	|	|	0.16
30.500	0.00	0.16	0.015	O	|	|	|	|	0.15
30.583	0.00	0.15	0.013	O	|	|	|	|	0.13
30.667	0.00	0.14	0.013	O	|	|	|	|	0.13
30.750	0.00	0.13	0.012	O	|	|	|	|	0.12
30.833	0.00	0.12	0.011	O	|	|	|	|	0.11
30.917	0.00	0.11	0.010	O	|	|	|	|	0.10
31.000	0.00	0.10	0.009	O	|	|	|	|	0.09
31.083	0.00	0.09	0.009	O	|	|	|	|	0.09
31.167	0.00	0.09	0.008	O	|	|	|	|	0.08
31.250	0.00	0.08	0.007	O	|	|	|	|	0.07
31.333	0.00	0.07	0.007	O	|	|	|	|	0.07
31.417	0.00	0.07	0.006	O	|	|	|	|	0.06
31.500	0.00	0.06	0.006	O	|	|	|	|	0.06
31.583	0.00	0.06	0.006	O	|	|	|	|	0.06
31.667	0.00	0.06	0.005	O	|	|	|	|	0.05
31.750	0.00	0.05	0.005	O	|	|	|	|	0.05
31.833	0.00	0.05	0.004	O	|	|	|	|	0.04
31.917	0.00	0.04	0.004	O	|	|	|	|	0.04
32.000	0.00	0.04	0.004	O	|	|	|	|	0.04
32.083	0.00	0.04	0.004	O	|	|	|	|	0.04
32.167	0.00	0.04	0.003	O	|	|	|	|	0.03
32.250	0.00	0.03	0.003	O	|	|	|	|	0.03
32.333	0.00	0.03	0.003	O	|	|	|	|	0.03
32.417	0.00	0.03	0.003	O	|	|	|	|	0.03
32.500	0.00	0.03	0.002	O	|	|	|	|	0.02
32.583	0.00	0.02	0.002	O	|	|	|	|	0.02
32.667	0.00	0.02	0.002	O	|	|	|	|	0.02
32.750	0.00	0.02	0.002	O	|	|	|	|	0.02
32.833	0.00	0.02	0.002	O	|	|	|	|	0.02
32.917	0.00	0.02	0.002	O	|	|	|	|	0.02
33.000	0.00	0.02	0.002	O	|	|	|	|	0.02
33.083	0.00	0.02	0.001	O	|	|	|	|	0.01
33.167	0.00	0.01	0.001	O	|	|	|	|	0.01
33.250	0.00	0.01	0.001	O	|	|	|	|	0.01
33.333	0.00	0.01	0.001	O	|	|	|	|	0.01
33.417	0.00	0.01	0.001	O	|	|	|	|	0.01
33.500	0.00	0.01	0.001	O	|	|	|	|	0.01
33.583	0.00	0.01	0.001	O	|	|	|	|	0.01
33.667	0.00	0.01	0.001	O	|	|	|	|	0.01
33.750	0.00	0.01	0.001	O	|	|	|	|	0.01
33.833	0.00	0.01	0.001	O	|	|	|	|	0.01
33.917	0.00	0.01	0.001	O	|	|	|	|	0.01
34.000	0.00	0.01	0.001	O	|	|	|	|	0.01
34.083	0.00	0.01	0.001	O	|	|	|	|	0.01
34.167	0.00	0.01	0.001	O	|	|	|	|	0.01
34.250	0.00	0.01	0.001	O	|	|	|	|	0.01
34.333	0.00	0.01	0.000	O	|	|	|	|	0.00
34.417	0.00	0.00	0.000	O	|	|	|	|	0.00
34.500	0.00	0.00	0.000	O	|	|	|	|	0.00
34.583	0.00	0.00	0.000	O	|	|	|	|	0.00
34.667	0.00	0.00	0.000	O	|	|	|	|	0.00
34.750	0.00	0.00	0.000	O	|	|	|	|	0.00
34.833	0.00	0.00	0.000	O	|	|	|	|	0.00
34.917	0.00	0.00	0.000	O	|	|	|	|	0.00
35.000	0.00	0.00	0.000	O	|	|	|	|	0.00
35.083	0.00	0.00	0.000	O	|	|	|	|	0.00
35.167	0.00	0.00	0.000	O	|	|	|	|	0.00
35.250	0.00	0.00	0.000	O	|	|	|	|	0.00
35.333	0.00	0.00	0.000	O	|	|	|	|	0.00
35.417	0.00	0.00	0.000	O	|	|	|	|	0.00
35.500	0.00	0.00	0.000	O	|	|	|	|	0.00
35.583	0.00	0.00	0.000	O	|	|	|	|	0.00

35.667	0.00	0.00	0.000	O	|	|	|	|	0.00
35.750	0.00	0.00	0.000	O	|	|	|	|	0.00
35.833	0.00	0.00	0.000	O	|	|	|	|	0.00
35.917	0.00	0.00	0.000	O	|	|	|	|	0.00
36.000	0.00	0.00	0.000	O	|	|	|	|	0.00
36.083	0.00	0.00	0.000	O	|	|	|	|	0.00

**********HYDROGRAPH DATA**********

Number of intervals = 433
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.540 (CFS)
Total volume = 1.074 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

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FLOOD HYDROGRAPH ROUTING PROGRAM
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Study date: 06/30/22

PATRIOT - WILLOW AT VALLEY INDUSTRIAL
BASIN ROUTING STUDY - 100 YEAR 24 HOUR STORM EVENT
4754Q100BR
CB&RN

Program License Serial Number 6145

********** HYDROGRAPH INFORMATION **********

From study/file name: 4754Q100PUH.rte
**********HYDROGRAPH DATA**********
Number of intervals = 294
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 18.122 (CFS)
Total volume = 3.037 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

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Process from Point/Station 1.000 to Point/Station 1.000
**** RETARDING BASIN ROUTING ****
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User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 294
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.050	0.540	0.048	0.052
1.500	0.200	0.540	0.198	0.202
2.500	0.390	0.540	0.388	0.392
3.500	0.600	0.540	0.598	0.602
4.500	0.810	0.540	0.808	0.812
5.500	1.020	0.540	1.018	1.022

6.500	1.230	0.540	1.228	1.232
7.500	1.420	0.540	1.418	1.422
8.500	1.570	0.540	1.568	1.572
9.000	1.620	0.540	1.618	1.622
12.340	1.621	0.540	1.619	1.623
12.670	1.622	8.780	1.592	1.652

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 4.5 9.06 13.59 18.12	Depth (Ft.)
0.083	0.04	0.00	0.000	O	0.00
0.167	0.26	0.01	0.001	O	0.01
0.250	0.57	0.04	0.004	OI	0.04
0.333	0.72	0.08	0.008	OI	0.08
0.417	0.76	0.13	0.012	OI	0.12
0.500	0.77	0.18	0.016	OI	0.16
0.583	0.78	0.22	0.020	OI	0.20
0.667	0.79	0.26	0.024	OI	0.24
0.750	0.79	0.30	0.028	OI	0.28
0.833	0.79	0.33	0.031	OI	0.31
0.917	0.79	0.37	0.034	OI	0.34
1.000	0.79	0.40	0.037	OI	0.37
1.083	0.80	0.43	0.039	OI	0.39
1.167	0.80	0.45	0.042	OI	0.42
1.250	0.80	0.48	0.044	OI	0.44
1.333	0.80	0.50	0.046	OI	0.46
1.417	0.80	0.52	0.048	OI	0.48
1.500	0.81	0.54	0.050	OI	0.50
1.583	0.81	0.54	0.052	OI	0.51
1.667	0.81	0.54	0.054	OI	0.53
1.750	0.81	0.54	0.056	OI	0.54
1.833	0.82	0.54	0.058	OI	0.55
1.917	0.82	0.54	0.060	OI	0.56
2.000	0.82	0.54	0.062	OI	0.58
2.083	0.82	0.54	0.063	OI	0.59
2.167	0.83	0.54	0.065	OI	0.60
2.250	0.83	0.54	0.067	OI	0.62
2.333	0.83	0.54	0.069	OI	0.63
2.417	0.83	0.54	0.071	OI	0.64
2.500	0.84	0.54	0.073	OI	0.66
2.583	0.84	0.54	0.075	OI	0.67
2.667	0.84	0.54	0.077	OI	0.68
2.750	0.84	0.54	0.080	OI	0.70
2.833	0.85	0.54	0.082	OI	0.71
2.917	0.85	0.54	0.084	OI	0.73
3.000	0.85	0.54	0.086	OI	0.74
3.083	0.85	0.54	0.088	OI	0.75
3.167	0.86	0.54	0.090	OI	0.77
3.250	0.86	0.54	0.092	OI	0.78
3.333	0.86	0.54	0.095	OI	0.80
3.417	0.86	0.54	0.097	OI	0.81
3.500	0.87	0.54	0.099	OI	0.83
3.583	0.87	0.54	0.101	OI	0.84
3.667	0.87	0.54	0.104	OI	0.86
3.750	0.87	0.54	0.106	OI	0.87
3.833	0.88	0.54	0.108	OI	0.89
3.917	0.88	0.54	0.111	OI	0.90
4.000	0.88	0.54	0.113	OI	0.92
4.083	0.89	0.54	0.115	OI	0.94

4.167	0.89	0.54	0.118	OI				0.95
4.250	0.89	0.54	0.120	OI				0.97
4.333	0.90	0.54	0.123	OI				0.98
4.417	0.90	0.54	0.125	OI				1.00
4.500	0.90	0.54	0.127	OI				1.02
4.583	0.90	0.54	0.130	OI				1.03
4.667	0.91	0.54	0.132	OI				1.05
4.750	0.91	0.54	0.135	OI				1.07
4.833	0.91	0.54	0.138	OI				1.08
4.917	0.92	0.54	0.140	OI				1.10
5.000	0.92	0.54	0.143	OI				1.12
5.083	0.92	0.54	0.145	OI				1.14
5.167	0.93	0.54	0.148	OI				1.15
5.250	0.93	0.54	0.151	OI				1.17
5.333	0.93	0.54	0.154	OI				1.19
5.417	0.94	0.54	0.156	OI				1.21
5.500	0.94	0.54	0.159	OI				1.23
5.583	0.95	0.54	0.162	OI				1.25
5.667	0.95	0.54	0.165	OI				1.26
5.750	0.95	0.54	0.167	OI				1.28
5.833	0.96	0.54	0.170	OI				1.30
5.917	0.96	0.54	0.173	OI				1.32
6.000	0.96	0.54	0.176	OI				1.34
6.083	0.97	0.54	0.179	OI				1.36
6.167	0.97	0.54	0.182	OI				1.38
6.250	0.98	0.54	0.185	OI				1.40
6.333	0.98	0.54	0.188	OI				1.42
6.417	0.98	0.54	0.191	OI				1.44
6.500	0.99	0.54	0.194	OI				1.46
6.583	0.99	0.54	0.197	OI				1.48
6.667	1.00	0.54	0.200	OI				1.50
6.750	1.00	0.54	0.203	OI				1.52
6.833	1.00	0.54	0.207	OI				1.53
6.917	1.01	0.54	0.210	OI				1.55
7.000	1.01	0.54	0.213	OI				1.57
7.083	1.02	0.54	0.216	OI				1.59
7.167	1.02	0.54	0.220	OI				1.60
7.250	1.03	0.54	0.223	OI				1.62
7.333	1.03	0.54	0.226	OI				1.64
7.417	1.04	0.54	0.230	OI				1.66
7.500	1.04	0.54	0.233	OI				1.68
7.583	1.05	0.54	0.237	OI				1.69
7.667	1.05	0.54	0.240	OI				1.71
7.750	1.06	0.54	0.244	OI				1.73
7.833	1.06	0.54	0.247	OI				1.75
7.917	1.07	0.54	0.251	OI				1.77
8.000	1.07	0.54	0.255	OI				1.79
8.083	1.08	0.54	0.258	OI				1.81
8.167	1.08	0.54	0.262	OI				1.83
8.250	1.09	0.54	0.266	OI				1.85
8.333	1.09	0.54	0.270	OI				1.87
8.417	1.10	0.54	0.273	OI				1.89
8.500	1.11	0.54	0.277	OI				1.91
8.583	1.11	0.54	0.281	OI				1.93
8.667	1.12	0.54	0.285	OI				1.95
8.750	1.12	0.54	0.289	OI				1.97
8.833	1.13	0.54	0.293	OI				1.99
8.917	1.14	0.54	0.297	O I				2.01
9.000	1.14	0.54	0.301	O I				2.03
9.083	1.15	0.54	0.306	O I				2.06
9.167	1.16	0.54	0.310	O I				2.08
9.250	1.16	0.54	0.314	O I				2.10
9.333	1.17	0.54	0.318	O I				2.12

9.417	1.18	0.54	0.323	O I	|	|	|	2.15
9.500	1.18	0.54	0.327	O I	|	|	|	2.17
9.583	1.19	0.54	0.332	O I	|	|	|	2.19
9.667	1.20	0.54	0.336	O I	|	|	|	2.22
9.750	1.21	0.54	0.341	O I	|	|	|	2.24
9.833	1.21	0.54	0.345	O I	|	|	|	2.26
9.917	1.22	0.54	0.350	O I	|	|	|	2.29
10.000	1.23	0.54	0.355	O I	|	|	|	2.31
10.083	1.24	0.54	0.359	O I	|	|	|	2.34
10.167	1.24	0.54	0.364	O I	|	|	|	2.36
10.250	1.25	0.54	0.369	O I	|	|	|	2.39
10.333	1.26	0.54	0.374	O I	|	|	|	2.42
10.417	1.27	0.54	0.379	O I	|	|	|	2.44
10.500	1.28	0.54	0.384	O I	|	|	|	2.47
10.583	1.29	0.54	0.389	O I	|	|	|	2.50
10.667	1.30	0.54	0.394	O I	|	|	|	2.52
10.750	1.31	0.54	0.400	O I	|	|	|	2.55
10.833	1.32	0.54	0.405	O I	|	|	|	2.57
10.917	1.33	0.54	0.410	O I	|	|	|	2.60
11.000	1.34	0.54	0.416	O I	|	|	|	2.62
11.083	1.35	0.54	0.421	O I	|	|	|	2.65
11.167	1.36	0.54	0.427	O I	|	|	|	2.68
11.250	1.37	0.54	0.433	O I	|	|	|	2.70
11.333	1.38	0.54	0.438	O I	|	|	|	2.73
11.417	1.39	0.54	0.444	O I	|	|	|	2.76
11.500	1.41	0.54	0.450	O I	|	|	|	2.79
11.583	1.42	0.54	0.456	O I	|	|	|	2.82
11.667	1.43	0.54	0.462	O I	|	|	|	2.84
11.750	1.44	0.54	0.468	O I	|	|	|	2.87
11.833	1.46	0.54	0.475	O I	|	|	|	2.90
11.917	1.47	0.54	0.481	O I	|	|	|	2.93
12.000	1.48	0.54	0.488	O I	|	|	|	2.96
12.083	1.50	0.54	0.494	O I	|	|	|	3.00
12.167	1.53	0.54	0.501	O I	|	|	|	3.03
12.250	1.56	0.54	0.508	O I	|	|	|	3.06
12.333	1.58	0.54	0.515	O I	|	|	|	3.09
12.417	1.60	0.54	0.522	O I	|	|	|	3.13
12.500	1.62	0.54	0.529	O I	|	|	|	3.16
12.583	1.64	0.54	0.537	O I	|	|	|	3.20
12.667	1.65	0.54	0.545	O I	|	|	|	3.24
12.750	1.67	0.54	0.552	O I	|	|	|	3.27
12.833	1.69	0.54	0.560	O I	|	|	|	3.31
12.917	1.71	0.54	0.568	O I	|	|	|	3.35
13.000	1.73	0.54	0.576	O I	|	|	|	3.39
13.083	1.75	0.54	0.585	O I	|	|	|	3.43
13.167	1.78	0.54	0.593	O I	|	|	|	3.47
13.250	1.80	0.54	0.602	O I	|	|	|	3.51
13.333	1.82	0.54	0.610	O I	|	|	|	3.55
13.417	1.85	0.54	0.619	O I	|	|	|	3.59
13.500	1.88	0.54	0.628	O I	|	|	|	3.64
13.583	1.91	0.54	0.638	O I	|	|	|	3.68
13.667	1.93	0.54	0.647	O I	|	|	|	3.72
13.750	1.96	0.54	0.657	O I	|	|	|	3.77
13.833	2.00	0.54	0.667	O I	|	|	|	3.82
13.917	2.03	0.54	0.677	O I	|	|	|	3.87
14.000	2.07	0.54	0.687	O I	|	|	|	3.92
14.083	2.10	0.54	0.698	O I	|	|	|	3.97
14.167	2.14	0.54	0.709	O I	|	|	|	4.02
14.250	2.19	0.54	0.720	O I	|	|	|	4.07
14.333	2.23	0.54	0.732	O I	|	|	|	4.13
14.417	2.28	0.54	0.743	O I	|	|	|	4.18
14.500	2.33	0.54	0.756	O I	|	|	|	4.24
14.583	2.39	0.54	0.768	O I	|	|	|	4.30

14.667	2.45	0.54	0.781	O I	|	|	|	| 4.36
14.750	2.51	0.54	0.794	O I	|	|	|	| 4.43
14.833	2.58	0.54	0.808	O I	|	|	|	| 4.49
14.917	2.66	0.54	0.823	O I	|	|	|	| 4.56
15.000	2.74	0.54	0.837	O I	|	|	|	| 4.63
15.083	2.84	0.54	0.853	O I	|	|	|	| 4.70
15.167	2.94	0.54	0.869	O I	|	|	|	| 4.78
15.250	3.06	0.54	0.886	O I	|	|	|	| 4.86
15.333	3.19	0.54	0.904	O I	|	|	|	| 4.95
15.417	3.30	0.54	0.923	O I	|	|	|	| 5.04
15.500	3.23	0.54	0.941	O I	|	|	|	| 5.13
15.583	3.09	0.54	0.959	O I	|	|	|	| 5.21
15.667	3.18	0.54	0.977	O I	|	|	|	| 5.30
15.750	3.46	0.54	0.996	O I	|	|	|	| 5.39
15.833	3.91	0.54	1.018	O I	|	|	|	| 5.49
15.917	4.60	0.54	1.044	O I	|	|	|	| 5.61
16.000	5.86	0.54	1.076	O | I	|	|	|	| 5.77
16.083	9.05	0.54	1.124	O |	I |	|	|	| 5.99
16.167	15.94	0.54	1.206	O |	|	|	I |	| 6.39
16.250	18.12	0.54	1.320	O |	|	|	|	I 6.97
16.333	10.89	0.54	1.416	O |	|	I |	|	| 7.48
16.417	5.99	0.54	1.470	O | I	|	|	|	| 7.83
16.500	4.11	0.54	1.501	O I |	|	|	|	| 8.04
16.583	3.75	0.54	1.525	O I	|	|	|	| 8.20
16.667	3.26	0.54	1.545	O I	|	|	|	| 8.33
16.750	3.01	0.54	1.563	O I	|	|	|	| 8.45
16.833	2.80	0.54	1.579	O I	|	|	|	| 8.59
16.917	2.63	0.54	1.594	O I	|	|	|	| 8.74
17.000	2.49	0.54	1.608	O I	|	|	|	| 8.88
17.083	2.37	0.54	1.621	O I	|	|	|	| 12.34
17.167	2.26	3.97	1.621	| I O |	|	|	| 12.48
17.250	2.17	0.59	1.621	|O I |	|	|	| 12.34
17.333	2.09	3.57	1.621	| I O |	|	|	| 12.46
17.417	2.02	0.64	1.621	|O I |	|	|	| 12.34
17.500	1.95	3.24	1.621	| I O |	|	|	| 12.45
17.583	1.89	0.70	1.621	|O I |	|	|	| 12.35
17.667	1.84	2.95	1.621	| I O |	|	|	| 12.44
17.750	1.79	0.75	1.621	|O I |	|	|	| 12.35
17.833	1.74	2.71	1.621	| IO |	|	|	| 12.43
17.917	1.70	0.80	1.621	|O I |	|	|	| 12.35
18.000	1.66	2.51	1.621	| I O |	|	|	| 12.42
18.083	1.63	0.84	1.621	|OI |	|	|	| 12.35
18.167	1.58	2.31	1.621	| I O |	|	|	| 12.41
18.250	1.53	0.85	1.621	|OI |	|	|	| 12.35
18.333	1.50	2.13	1.621	| IO |	|	|	| 12.40
18.417	1.46	0.87	1.621	|OI |	|	|	| 12.35
18.500	1.44	1.99	1.621	| IO |	|	|	| 12.40
18.583	1.41	0.90	1.621	|OI |	|	|	| 12.35
18.667	1.39	1.87	1.621	| IO |	|	|	| 12.39
18.750	1.37	0.92	1.621	|OI |	|	|	| 12.36
18.833	1.34	1.76	1.621	| IO |	|	|	| 12.39
18.917	1.32	0.94	1.621	|OI |	|	|	| 12.36
19.000	1.30	1.66	1.621	| O |	|	|	| 12.39
19.083	1.28	0.95	1.621	|OI |	|	|	| 12.36
19.167	1.27	1.58	1.621	| O |	|	|	| 12.38
19.250	1.25	0.96	1.621	|OI |	|	|	| 12.36
19.333	1.23	1.51	1.621	| O |	|	|	| 12.38
19.417	1.22	0.96	1.621	|OI |	|	|	| 12.36
19.500	1.20	1.44	1.621	| O |	|	|	| 12.38
19.583	1.19	0.97	1.621	|OI |	|	|	| 12.36
19.667	1.17	1.38	1.621	| O |	|	|	| 12.37
19.750	1.16	0.97	1.621	|OI |	|	|	| 12.36
19.833	1.15	1.32	1.621	| O |	|	|	| 12.37

19.917	1.13	0.97	1.621	OI				12.36
20.000	1.12	1.28	1.621	IO				12.37
20.083	1.11	0.96	1.621	O				12.36
20.167	1.10	1.23	1.621	IO				12.37
20.250	1.09	0.96	1.621	O				12.36
20.333	1.07	1.19	1.621	IO				12.37
20.417	1.06	0.96	1.621	O				12.36
20.500	1.05	1.16	1.621	IO				12.36
20.583	1.04	0.95	1.621	O				12.36
20.667	1.03	1.12	1.621	O				12.36
20.750	1.03	0.94	1.621	O				12.36
20.833	1.02	1.09	1.621	O				12.36
20.917	1.01	0.94	1.621	O				12.36
21.000	1.00	1.07	1.621	O				12.36
21.083	0.99	0.93	1.621	O				12.36
21.167	0.98	1.04	1.621	O				12.36
21.250	0.97	0.92	1.621	O				12.36
21.333	0.97	1.02	1.621	O				12.36
21.417	0.96	0.91	1.621	O				12.35
21.500	0.95	0.99	1.621	O				12.36
21.583	0.94	0.90	1.621	O				12.35
21.667	0.94	0.97	1.621	O				12.36
21.750	0.93	0.89	1.621	O				12.35
21.833	0.92	0.96	1.621	O				12.36
21.917	0.92	0.89	1.621	O				12.35
22.000	0.91	0.94	1.621	O				12.36
22.083	0.90	0.88	1.621	O				12.35
22.167	0.90	0.92	1.621	O				12.36
22.250	0.89	0.87	1.621	O				12.35
22.333	0.89	0.91	1.621	O				12.35
22.417	0.88	0.86	1.621	O				12.35
22.500	0.87	0.89	1.621	O				12.35
22.583	0.87	0.85	1.621	O				12.35
22.667	0.86	0.88	1.621	O				12.35
22.750	0.86	0.84	1.621	O				12.35
22.833	0.85	0.87	1.621	O				12.35
22.917	0.85	0.83	1.621	O				12.35
23.000	0.84	0.85	1.621	O				12.35
23.083	0.84	0.82	1.621	O				12.35
23.167	0.83	0.84	1.621	O				12.35
23.250	0.83	0.82	1.621	O				12.35
23.333	0.82	0.83	1.621	O				12.35
23.417	0.82	0.81	1.621	O				12.35
23.500	0.81	0.82	1.621	O				12.35
23.583	0.81	0.80	1.621	O				12.35
23.667	0.80	0.81	1.621	O				12.35
23.750	0.80	0.79	1.621	O				12.35
23.833	0.79	0.80	1.621	O				12.35
23.917	0.79	0.79	1.621	O				12.35
24.000	0.79	0.79	1.621	O				12.35
24.083	0.74	0.74	1.621	O				12.35
24.167	0.52	0.54	1.621	O				12.25
24.250	0.21	0.54	1.620	O				9.00
24.333	0.06	0.54	1.617	O				8.97
24.417	0.02	0.54	1.614	O				8.94
24.500	0.01	0.54	1.610	O				8.90
24.583	0.00	0.54	1.606	O				8.86
24.667	0.00	0.54	1.602	O				8.82
24.750	0.00	0.54	1.599	O				8.79
24.833	0.00	0.54	1.595	O				8.75
24.917	0.00	0.54	1.591	O				8.71
25.000	0.00	0.54	1.588	O				8.68
25.083	0.00	0.54	1.584	O				8.64

25.167	0.00	0.54	1.580	O	|	|	|	8.60
25.250	0.00	0.54	1.576	O	|	|	|	8.56
25.333	0.00	0.54	1.573	O	|	|	|	8.53
25.417	0.00	0.54	1.569	O	|	|	|	8.49
25.500	0.00	0.54	1.565	O	|	|	|	8.47
25.583	0.00	0.54	1.562	O	|	|	|	8.44
25.667	0.00	0.54	1.558	O	|	|	|	8.42
25.750	0.00	0.54	1.554	O	|	|	|	8.39
25.833	0.00	0.54	1.550	O	|	|	|	8.37
25.917	0.00	0.54	1.547	O	|	|	|	8.34
26.000	0.00	0.54	1.543	O	|	|	|	8.32
26.083	0.00	0.54	1.539	O	|	|	|	8.30
26.167	0.00	0.54	1.536	O	|	|	|	8.27
26.250	0.00	0.54	1.532	O	|	|	|	8.25
26.333	0.00	0.54	1.528	O	|	|	|	8.22
26.417	0.00	0.54	1.524	O	|	|	|	8.20
26.500	0.00	0.54	1.521	O	|	|	|	8.17
26.583	0.00	0.54	1.517	O	|	|	|	8.15
26.667	0.00	0.54	1.513	O	|	|	|	8.12
26.750	0.00	0.54	1.510	O	|	|	|	8.10
26.833	0.00	0.54	1.506	O	|	|	|	8.07
26.917	0.00	0.54	1.502	O	|	|	|	8.05
27.000	0.00	0.54	1.498	O	|	|	|	8.02
27.083	0.00	0.54	1.495	O	|	|	|	8.00
27.167	0.00	0.54	1.491	O	|	|	|	7.97
27.250	0.00	0.54	1.487	O	|	|	|	7.95
27.333	0.00	0.54	1.483	O	|	|	|	7.92
27.417	0.00	0.54	1.480	O	|	|	|	7.90
27.500	0.00	0.54	1.476	O	|	|	|	7.87
27.583	0.00	0.54	1.472	O	|	|	|	7.85
27.667	0.00	0.54	1.469	O	|	|	|	7.82
27.750	0.00	0.54	1.465	O	|	|	|	7.80
27.833	0.00	0.54	1.461	O	|	|	|	7.77
27.917	0.00	0.54	1.457	O	|	|	|	7.75
28.000	0.00	0.54	1.454	O	|	|	|	7.72
28.083	0.00	0.54	1.450	O	|	|	|	7.70
28.167	0.00	0.54	1.446	O	|	|	|	7.68
28.250	0.00	0.54	1.443	O	|	|	|	7.65
28.333	0.00	0.54	1.439	O	|	|	|	7.63
28.417	0.00	0.54	1.435	O	|	|	|	7.60
28.500	0.00	0.54	1.431	O	|	|	|	7.58
28.583	0.00	0.54	1.428	O	|	|	|	7.55
28.667	0.00	0.54	1.424	O	|	|	|	7.53
28.750	0.00	0.54	1.420	O	|	|	|	7.50
28.833	0.00	0.54	1.417	O	|	|	|	7.48
28.917	0.00	0.54	1.413	O	|	|	|	7.46
29.000	0.00	0.54	1.409	O	|	|	|	7.44
29.083	0.00	0.54	1.405	O	|	|	|	7.42
29.167	0.00	0.54	1.402	O	|	|	|	7.40
29.250	0.00	0.54	1.398	O	|	|	|	7.38
29.333	0.00	0.54	1.394	O	|	|	|	7.36
29.417	0.00	0.54	1.391	O	|	|	|	7.34
29.500	0.00	0.54	1.387	O	|	|	|	7.33
29.583	0.00	0.54	1.383	O	|	|	|	7.31
29.667	0.00	0.54	1.379	O	|	|	|	7.29
29.750	0.00	0.54	1.376	O	|	|	|	7.27
29.833	0.00	0.54	1.372	O	|	|	|	7.25
29.917	0.00	0.54	1.368	O	|	|	|	7.23
30.000	0.00	0.54	1.364	O	|	|	|	7.21
30.083	0.00	0.54	1.361	O	|	|	|	7.19
30.167	0.00	0.54	1.357	O	|	|	|	7.17
30.250	0.00	0.54	1.353	O	|	|	|	7.15
30.333	0.00	0.54	1.350	O	|	|	|	7.13

30.417	0.00	0.54	1.346	O				7.11
30.500	0.00	0.54	1.342	O				7.09
30.583	0.00	0.54	1.338	O				7.07
30.667	0.00	0.54	1.335	O				7.05
30.750	0.00	0.54	1.331	O				7.03
30.833	0.00	0.54	1.327	O				7.01
30.917	0.00	0.54	1.324	O				6.99
31.000	0.00	0.54	1.320	O				6.97
31.083	0.00	0.54	1.316	O				6.95
31.167	0.00	0.54	1.312	O				6.93
31.250	0.00	0.54	1.309	O				6.91
31.333	0.00	0.54	1.305	O				6.89
31.417	0.00	0.54	1.301	O				6.87
31.500	0.00	0.54	1.298	O				6.86
31.583	0.00	0.54	1.294	O				6.84
31.667	0.00	0.54	1.290	O				6.82
31.750	0.00	0.54	1.286	O				6.80
31.833	0.00	0.54	1.283	O				6.78
31.917	0.00	0.54	1.279	O				6.76
32.000	0.00	0.54	1.275	O				6.74
32.083	0.00	0.54	1.271	O				6.72
32.167	0.00	0.54	1.268	O				6.70
32.250	0.00	0.54	1.264	O				6.68
32.333	0.00	0.54	1.260	O				6.66
32.417	0.00	0.54	1.257	O				6.64
32.500	0.00	0.54	1.253	O				6.62
32.583	0.00	0.54	1.249	O				6.60
32.667	0.00	0.54	1.245	O				6.58
32.750	0.00	0.54	1.242	O				6.56
32.833	0.00	0.54	1.238	O				6.54
32.917	0.00	0.54	1.234	O				6.52
33.000	0.00	0.54	1.231	O				6.50
33.083	0.00	0.54	1.227	O				6.49
33.167	0.00	0.54	1.223	O				6.47
33.250	0.00	0.54	1.219	O				6.45
33.333	0.00	0.54	1.216	O				6.43
33.417	0.00	0.54	1.212	O				6.41
33.500	0.00	0.54	1.208	O				6.40
33.583	0.00	0.54	1.205	O				6.38
33.667	0.00	0.54	1.201	O				6.36
33.750	0.00	0.54	1.197	O				6.34
33.833	0.00	0.54	1.193	O				6.33
33.917	0.00	0.54	1.190	O				6.31
34.000	0.00	0.54	1.186	O				6.29
34.083	0.00	0.54	1.182	O				6.27
34.167	0.00	0.54	1.179	O				6.25
34.250	0.00	0.54	1.175	O				6.24
34.333	0.00	0.54	1.171	O				6.22
34.417	0.00	0.54	1.167	O				6.20
34.500	0.00	0.54	1.164	O				6.18
34.583	0.00	0.54	1.160	O				6.17
34.667	0.00	0.54	1.156	O				6.15
34.750	0.00	0.54	1.152	O				6.13
34.833	0.00	0.54	1.149	O				6.11
34.917	0.00	0.54	1.145	O				6.10
35.000	0.00	0.54	1.141	O				6.08
35.083	0.00	0.54	1.138	O				6.06
35.167	0.00	0.54	1.134	O				6.04
35.250	0.00	0.54	1.130	O				6.02
35.333	0.00	0.54	1.126	O				6.01
35.417	0.00	0.54	1.123	O				5.99
35.500	0.00	0.54	1.119	O				5.97
35.583	0.00	0.54	1.115	O				5.95

35.667	0.00	0.54	1.112	O				5.94
35.750	0.00	0.54	1.108	O				5.92
35.833	0.00	0.54	1.104	O				5.90
35.917	0.00	0.54	1.100	O				5.88
36.000	0.00	0.54	1.097	O				5.87
36.083	0.00	0.54	1.093	O				5.85
36.167	0.00	0.54	1.089	O				5.83
36.250	0.00	0.54	1.086	O				5.81
36.333	0.00	0.54	1.082	O				5.79
36.417	0.00	0.54	1.078	O				5.78
36.500	0.00	0.54	1.074	O				5.76
36.583	0.00	0.54	1.071	O				5.74
36.667	0.00	0.54	1.067	O				5.72
36.750	0.00	0.54	1.063	O				5.71
36.833	0.00	0.54	1.060	O				5.69
36.917	0.00	0.54	1.056	O				5.67
37.000	0.00	0.54	1.052	O				5.65
37.083	0.00	0.54	1.048	O				5.64
37.167	0.00	0.54	1.045	O				5.62
37.250	0.00	0.54	1.041	O				5.60
37.333	0.00	0.54	1.037	O				5.58
37.417	0.00	0.54	1.033	O				5.56
37.500	0.00	0.54	1.030	O				5.55
37.583	0.00	0.54	1.026	O				5.53
37.667	0.00	0.54	1.022	O				5.51
37.750	0.00	0.54	1.019	O				5.49
37.833	0.00	0.54	1.015	O				5.48
37.917	0.00	0.54	1.011	O				5.46
38.000	0.00	0.54	1.007	O				5.44
38.083	0.00	0.54	1.004	O				5.42
38.167	0.00	0.54	1.000	O				5.40
38.250	0.00	0.54	0.996	O				5.39
38.333	0.00	0.54	0.993	O				5.37
38.417	0.00	0.54	0.989	O				5.35
38.500	0.00	0.54	0.985	O				5.33
38.583	0.00	0.54	0.981	O				5.32
38.667	0.00	0.54	0.978	O				5.30
38.750	0.00	0.54	0.974	O				5.28
38.833	0.00	0.54	0.970	O				5.26
38.917	0.00	0.54	0.967	O				5.25
39.000	0.00	0.54	0.963	O				5.23
39.083	0.00	0.54	0.959	O				5.21
39.167	0.00	0.54	0.955	O				5.19
39.250	0.00	0.54	0.952	O				5.17
39.333	0.00	0.54	0.948	O				5.16
39.417	0.00	0.54	0.944	O				5.14
39.500	0.00	0.54	0.941	O				5.12
39.583	0.00	0.54	0.937	O				5.10
39.667	0.00	0.54	0.933	O				5.09
39.750	0.00	0.54	0.929	O				5.07
39.833	0.00	0.54	0.926	O				5.05
39.917	0.00	0.54	0.922	O				5.03
40.000	0.00	0.54	0.918	O				5.02
40.083	0.00	0.54	0.914	O				5.00
40.167	0.00	0.54	0.911	O				4.98
40.250	0.00	0.54	0.907	O				4.96
40.333	0.00	0.54	0.903	O				4.94
40.417	0.00	0.54	0.900	O				4.93
40.500	0.00	0.54	0.896	O				4.91
40.583	0.00	0.54	0.892	O				4.89
40.667	0.00	0.54	0.888	O				4.87
40.750	0.00	0.54	0.885	O				4.86
40.833	0.00	0.54	0.881	O				4.84

40.917	0.00	0.54	0.877	O	|	|	|	|	4.82
41.000	0.00	0.54	0.874	O	|	|	|	|	4.80
41.083	0.00	0.54	0.870	O	|	|	|	|	4.78
41.167	0.00	0.54	0.866	O	|	|	|	|	4.77
41.250	0.00	0.54	0.862	O	|	|	|	|	4.75
41.333	0.00	0.54	0.859	O	|	|	|	|	4.73
41.417	0.00	0.54	0.855	O	|	|	|	|	4.71
41.500	0.00	0.54	0.851	O	|	|	|	|	4.70
41.583	0.00	0.54	0.848	O	|	|	|	|	4.68
41.667	0.00	0.54	0.844	O	|	|	|	|	4.66
41.750	0.00	0.54	0.840	O	|	|	|	|	4.64
41.833	0.00	0.54	0.836	O	|	|	|	|	4.63
41.917	0.00	0.54	0.833	O	|	|	|	|	4.61
42.000	0.00	0.54	0.829	O	|	|	|	|	4.59
42.083	0.00	0.54	0.825	O	|	|	|	|	4.57
42.167	0.00	0.54	0.821	O	|	|	|	|	4.55
42.250	0.00	0.54	0.818	O	|	|	|	|	4.54
42.333	0.00	0.54	0.814	O	|	|	|	|	4.52
42.417	0.00	0.54	0.810	O	|	|	|	|	4.50
42.500	0.00	0.54	0.807	O	|	|	|	|	4.48
42.583	0.00	0.54	0.803	O	|	|	|	|	4.47
42.667	0.00	0.54	0.799	O	|	|	|	|	4.45
42.750	0.00	0.54	0.795	O	|	|	|	|	4.43
42.833	0.00	0.54	0.792	O	|	|	|	|	4.41
42.917	0.00	0.54	0.788	O	|	|	|	|	4.40
43.000	0.00	0.54	0.784	O	|	|	|	|	4.38
43.083	0.00	0.54	0.781	O	|	|	|	|	4.36
43.167	0.00	0.54	0.777	O	|	|	|	|	4.34
43.250	0.00	0.54	0.773	O	|	|	|	|	4.32
43.333	0.00	0.54	0.769	O	|	|	|	|	4.31
43.417	0.00	0.54	0.766	O	|	|	|	|	4.29
43.500	0.00	0.54	0.762	O	|	|	|	|	4.27
43.583	0.00	0.54	0.758	O	|	|	|	|	4.25
43.667	0.00	0.54	0.755	O	|	|	|	|	4.24
43.750	0.00	0.54	0.751	O	|	|	|	|	4.22
43.833	0.00	0.54	0.747	O	|	|	|	|	4.20
43.917	0.00	0.54	0.743	O	|	|	|	|	4.18
44.000	0.00	0.54	0.740	O	|	|	|	|	4.17
44.083	0.00	0.54	0.736	O	|	|	|	|	4.15
44.167	0.00	0.54	0.732	O	|	|	|	|	4.13
44.250	0.00	0.54	0.729	O	|	|	|	|	4.11
44.333	0.00	0.54	0.725	O	|	|	|	|	4.09
44.417	0.00	0.54	0.721	O	|	|	|	|	4.08
44.500	0.00	0.54	0.717	O	|	|	|	|	4.06
44.583	0.00	0.54	0.714	O	|	|	|	|	4.04
44.667	0.00	0.54	0.710	O	|	|	|	|	4.02
44.750	0.00	0.54	0.706	O	|	|	|	|	4.01
44.833	0.00	0.54	0.702	O	|	|	|	|	3.99
44.917	0.00	0.54	0.699	O	|	|	|	|	3.97
45.000	0.00	0.54	0.695	O	|	|	|	|	3.95
45.083	0.00	0.54	0.691	O	|	|	|	|	3.93
45.167	0.00	0.54	0.688	O	|	|	|	|	3.92
45.250	0.00	0.54	0.684	O	|	|	|	|	3.90
45.333	0.00	0.54	0.680	O	|	|	|	|	3.88
45.417	0.00	0.54	0.676	O	|	|	|	|	3.86
45.500	0.00	0.54	0.673	O	|	|	|	|	3.85
45.583	0.00	0.54	0.669	O	|	|	|	|	3.83
45.667	0.00	0.54	0.665	O	|	|	|	|	3.81
45.750	0.00	0.54	0.662	O	|	|	|	|	3.79
45.833	0.00	0.54	0.658	O	|	|	|	|	3.78
45.917	0.00	0.54	0.654	O	|	|	|	|	3.76
46.000	0.00	0.54	0.650	O	|	|	|	|	3.74
46.083	0.00	0.54	0.647	O	|	|	|	|	3.72

46.167	0.00	0.54	0.643	O	|	|	|	3.70
46.250	0.00	0.54	0.639	O	|	|	|	3.69
46.333	0.00	0.54	0.636	O	|	|	|	3.67
46.417	0.00	0.54	0.632	O	|	|	|	3.65
46.500	0.00	0.54	0.628	O	|	|	|	3.63
46.583	0.00	0.54	0.624	O	|	|	|	3.62
46.667	0.00	0.54	0.621	O	|	|	|	3.60
46.750	0.00	0.54	0.617	O	|	|	|	3.58
46.833	0.00	0.54	0.613	O	|	|	|	3.56
46.917	0.00	0.54	0.610	O	|	|	|	3.55
47.000	0.00	0.54	0.606	O	|	|	|	3.53
47.083	0.00	0.54	0.602	O	|	|	|	3.51
47.167	0.00	0.54	0.598	O	|	|	|	3.49
47.250	0.00	0.54	0.595	O	|	|	|	3.47
47.333	0.00	0.54	0.591	O	|	|	|	3.46
47.417	0.00	0.54	0.587	O	|	|	|	3.44
47.500	0.00	0.54	0.583	O	|	|	|	3.42
47.583	0.00	0.54	0.580	O	|	|	|	3.40
47.667	0.00	0.54	0.576	O	|	|	|	3.39
47.750	0.00	0.54	0.572	O	|	|	|	3.37
47.833	0.00	0.54	0.569	O	|	|	|	3.35
47.917	0.00	0.54	0.565	O	|	|	|	3.33
48.000	0.00	0.54	0.561	O	|	|	|	3.32
48.083	0.00	0.54	0.557	O	|	|	|	3.30
48.167	0.00	0.54	0.554	O	|	|	|	3.28
48.250	0.00	0.54	0.550	O	|	|	|	3.26
48.333	0.00	0.54	0.546	O	|	|	|	3.24
48.417	0.00	0.54	0.543	O	|	|	|	3.23
48.500	0.00	0.54	0.539	O	|	|	|	3.21
48.583	0.00	0.54	0.535	O	|	|	|	3.19
48.667	0.00	0.54	0.531	O	|	|	|	3.17
48.750	0.00	0.54	0.528	O	|	|	|	3.16
48.833	0.00	0.54	0.524	O	|	|	|	3.14
48.917	0.00	0.54	0.520	O	|	|	|	3.12
49.000	0.00	0.54	0.517	O	|	|	|	3.10
49.083	0.00	0.54	0.513	O	|	|	|	3.08
49.167	0.00	0.54	0.509	O	|	|	|	3.07
49.250	0.00	0.54	0.505	O	|	|	|	3.05
49.333	0.00	0.54	0.502	O	|	|	|	3.03
49.417	0.00	0.54	0.498	O	|	|	|	3.01
49.500	0.00	0.54	0.494	O	|	|	|	3.00
49.583	0.00	0.54	0.491	O	|	|	|	2.98
49.667	0.00	0.54	0.487	O	|	|	|	2.96
49.750	0.00	0.54	0.483	O	|	|	|	2.94
49.833	0.00	0.54	0.479	O	|	|	|	2.93
49.917	0.00	0.54	0.476	O	|	|	|	2.91
50.000	0.00	0.54	0.472	O	|	|	|	2.89
50.083	0.00	0.54	0.468	O	|	|	|	2.87
50.167	0.00	0.54	0.464	O	|	|	|	2.85
50.250	0.00	0.54	0.461	O	|	|	|	2.84
50.333	0.00	0.54	0.457	O	|	|	|	2.82
50.417	0.00	0.54	0.453	O	|	|	|	2.80
50.500	0.00	0.54	0.450	O	|	|	|	2.78
50.583	0.00	0.54	0.446	O	|	|	|	2.77
50.667	0.00	0.54	0.442	O	|	|	|	2.75
50.750	0.00	0.54	0.438	O	|	|	|	2.73
50.833	0.00	0.54	0.435	O	|	|	|	2.71
50.917	0.00	0.54	0.431	O	|	|	|	2.70
51.000	0.00	0.54	0.427	O	|	|	|	2.68
51.083	0.00	0.54	0.424	O	|	|	|	2.66
51.167	0.00	0.54	0.420	O	|	|	|	2.64
51.250	0.00	0.54	0.416	O	|	|	|	2.62
51.333	0.00	0.54	0.412	O	|	|	|	2.61

51.417	0.00	0.54	0.409	O	|	|	|	2.59
51.500	0.00	0.54	0.405	O	|	|	|	2.57
51.583	0.00	0.54	0.401	O	|	|	|	2.55
51.667	0.00	0.54	0.398	O	|	|	|	2.54
51.750	0.00	0.54	0.394	O	|	|	|	2.52
51.833	0.00	0.54	0.390	O	|	|	|	2.50
51.917	0.00	0.54	0.386	O	|	|	|	2.48
52.000	0.00	0.54	0.383	O	|	|	|	2.46
52.083	0.00	0.54	0.379	O	|	|	|	2.44
52.167	0.00	0.54	0.375	O	|	|	|	2.42
52.250	0.00	0.54	0.371	O	|	|	|	2.40
52.333	0.00	0.54	0.368	O	|	|	|	2.38
52.417	0.00	0.54	0.364	O	|	|	|	2.36
52.500	0.00	0.54	0.360	O	|	|	|	2.34
52.583	0.00	0.54	0.357	O	|	|	|	2.32
52.667	0.00	0.54	0.353	O	|	|	|	2.30
52.750	0.00	0.54	0.349	O	|	|	|	2.29
52.833	0.00	0.54	0.345	O	|	|	|	2.27
52.917	0.00	0.54	0.342	O	|	|	|	2.25
53.000	0.00	0.54	0.338	O	|	|	|	2.23
53.083	0.00	0.54	0.334	O	|	|	|	2.21
53.167	0.00	0.54	0.331	O	|	|	|	2.19
53.250	0.00	0.54	0.327	O	|	|	|	2.17
53.333	0.00	0.54	0.323	O	|	|	|	2.15
53.417	0.00	0.54	0.319	O	|	|	|	2.13
53.500	0.00	0.54	0.316	O	|	|	|	2.11
53.583	0.00	0.54	0.312	O	|	|	|	2.09
53.667	0.00	0.54	0.308	O	|	|	|	2.07
53.750	0.00	0.54	0.305	O	|	|	|	2.05
53.833	0.00	0.54	0.301	O	|	|	|	2.03
53.917	0.00	0.54	0.297	O	|	|	|	2.01
54.000	0.00	0.54	0.293	O	|	|	|	1.99
54.083	0.00	0.54	0.290	O	|	|	|	1.97
54.167	0.00	0.54	0.286	O	|	|	|	1.95
54.250	0.00	0.54	0.282	O	|	|	|	1.93
54.333	0.00	0.54	0.279	O	|	|	|	1.91
54.417	0.00	0.54	0.275	O	|	|	|	1.89
54.500	0.00	0.54	0.271	O	|	|	|	1.87
54.583	0.00	0.54	0.267	O	|	|	|	1.85
54.667	0.00	0.54	0.264	O	|	|	|	1.83
54.750	0.00	0.54	0.260	O	|	|	|	1.82
54.833	0.00	0.54	0.256	O	|	|	|	1.80
54.917	0.00	0.54	0.252	O	|	|	|	1.78
55.000	0.00	0.54	0.249	O	|	|	|	1.76
55.083	0.00	0.54	0.245	O	|	|	|	1.74
55.167	0.00	0.54	0.241	O	|	|	|	1.72
55.250	0.00	0.54	0.238	O	|	|	|	1.70
55.333	0.00	0.54	0.234	O	|	|	|	1.68
55.417	0.00	0.54	0.230	O	|	|	|	1.66
55.500	0.00	0.54	0.226	O	|	|	|	1.64
55.583	0.00	0.54	0.223	O	|	|	|	1.62
55.667	0.00	0.54	0.219	O	|	|	|	1.60
55.750	0.00	0.54	0.215	O	|	|	|	1.58
55.833	0.00	0.54	0.212	O	|	|	|	1.56
55.917	0.00	0.54	0.208	O	|	|	|	1.54
56.000	0.00	0.54	0.204	O	|	|	|	1.52
56.083	0.00	0.54	0.200	O	|	|	|	1.50
56.167	0.00	0.54	0.197	O	|	|	|	1.48
56.250	0.00	0.54	0.193	O	|	|	|	1.45
56.333	0.00	0.54	0.189	O	|	|	|	1.43
56.417	0.00	0.54	0.186	O	|	|	|	1.40
56.500	0.00	0.54	0.182	O	|	|	|	1.38
56.583	0.00	0.54	0.178	O	|	|	|	1.35

56.667	0.00	0.54	0.174	O	|	|	|	|	1.33
56.750	0.00	0.54	0.171	O	|	|	|	|	1.30
56.833	0.00	0.54	0.167	O	|	|	|	|	1.28
56.917	0.00	0.54	0.163	O	|	|	|	|	1.25
57.000	0.00	0.54	0.160	O	|	|	|	|	1.23
57.083	0.00	0.54	0.156	O	|	|	|	|	1.21
57.167	0.00	0.54	0.152	O	|	|	|	|	1.18
57.250	0.00	0.54	0.148	O	|	|	|	|	1.16
57.333	0.00	0.54	0.145	O	|	|	|	|	1.13
57.417	0.00	0.54	0.141	O	|	|	|	|	1.11
57.500	0.00	0.54	0.137	O	|	|	|	|	1.08
57.583	0.00	0.54	0.133	O	|	|	|	|	1.06
57.667	0.00	0.54	0.130	O	|	|	|	|	1.03
57.750	0.00	0.54	0.126	O	|	|	|	|	1.01
57.833	0.00	0.54	0.122	O	|	|	|	|	0.98
57.917	0.00	0.54	0.119	O	|	|	|	|	0.96
58.000	0.00	0.54	0.115	O	|	|	|	|	0.93
58.083	0.00	0.54	0.111	O	|	|	|	|	0.91
58.167	0.00	0.54	0.107	O	|	|	|	|	0.88
58.250	0.00	0.54	0.104	O	|	|	|	|	0.86
58.333	0.00	0.54	0.100	O	|	|	|	|	0.83
58.417	0.00	0.54	0.096	O	|	|	|	|	0.81
58.500	0.00	0.54	0.093	O	|	|	|	|	0.78
58.583	0.00	0.54	0.089	O	|	|	|	|	0.76
58.667	0.00	0.54	0.085	O	|	|	|	|	0.73
58.750	0.00	0.54	0.081	O	|	|	|	|	0.71
58.833	0.00	0.54	0.078	O	|	|	|	|	0.68
58.917	0.00	0.54	0.074	O	|	|	|	|	0.66
59.000	0.00	0.54	0.070	O	|	|	|	|	0.64
59.083	0.00	0.54	0.067	O	|	|	|	|	0.61
59.167	0.00	0.54	0.063	O	|	|	|	|	0.59
59.250	0.00	0.54	0.059	O	|	|	|	|	0.56
59.333	0.00	0.54	0.055	O	|	|	|	|	0.54
59.417	0.00	0.54	0.052	O	|	|	|	|	0.51
59.500	0.00	0.52	0.048	O	|	|	|	|	0.48
59.583	0.00	0.48	0.045	O	|	|	|	|	0.45
59.667	0.00	0.45	0.041	O	|	|	|	|	0.41
59.750	0.00	0.41	0.038	O	|	|	|	|	0.38
59.833	0.00	0.39	0.036	O	|	|	|	|	0.36
59.917	0.00	0.36	0.033	O	|	|	|	|	0.33
60.000	0.00	0.33	0.031	O	|	|	|	|	0.31
60.083	0.00	0.31	0.029	O	|	|	|	|	0.29
60.167	0.00	0.29	0.026	O	|	|	|	|	0.26
60.250	0.00	0.27	0.025	O	|	|	|	|	0.25
60.333	0.00	0.25	0.023	O	|	|	|	|	0.23
60.417	0.00	0.23	0.021	O	|	|	|	|	0.21
60.500	0.00	0.21	0.020	O	|	|	|	|	0.20
60.583	0.00	0.20	0.018	O	|	|	|	|	0.18
60.667	0.00	0.18	0.017	O	|	|	|	|	0.17
60.750	0.00	0.17	0.016	O	|	|	|	|	0.16
60.833	0.00	0.16	0.015	O	|	|	|	|	0.15
60.917	0.00	0.15	0.014	O	|	|	|	|	0.14
61.000	0.00	0.14	0.013	O	|	|	|	|	0.13
61.083	0.00	0.13	0.012	O	|	|	|	|	0.12
61.167	0.00	0.12	0.011	O	|	|	|	|	0.11
61.250	0.00	0.11	0.010	O	|	|	|	|	0.10
61.333	0.00	0.10	0.009	O	|	|	|	|	0.09
61.417	0.00	0.09	0.009	O	|	|	|	|	0.09
61.500	0.00	0.09	0.008	O	|	|	|	|	0.08
61.583	0.00	0.08	0.007	O	|	|	|	|	0.07
61.667	0.00	0.07	0.007	O	|	|	|	|	0.07
61.750	0.00	0.07	0.006	O	|	|	|	|	0.06
61.833	0.00	0.06	0.006	O	|	|	|	|	0.06

61.917	0.00	0.06	0.006	O	|	|	|	|	0.06
62.000	0.00	0.06	0.005	O	|	|	|	|	0.05
62.083	0.00	0.05	0.005	O	|	|	|	|	0.05
62.167	0.00	0.05	0.004	O	|	|	|	|	0.04
62.250	0.00	0.04	0.004	O	|	|	|	|	0.04
62.333	0.00	0.04	0.004	O	|	|	|	|	0.04
62.417	0.00	0.04	0.004	O	|	|	|	|	0.04
62.500	0.00	0.04	0.003	O	|	|	|	|	0.03
62.583	0.00	0.03	0.003	O	|	|	|	|	0.03
62.667	0.00	0.03	0.003	O	|	|	|	|	0.03
62.750	0.00	0.03	0.003	O	|	|	|	|	0.03
62.833	0.00	0.03	0.002	O	|	|	|	|	0.02
62.917	0.00	0.02	0.002	O	|	|	|	|	0.02
63.000	0.00	0.02	0.002	O	|	|	|	|	0.02
63.083	0.00	0.02	0.002	O	|	|	|	|	0.02
63.167	0.00	0.02	0.002	O	|	|	|	|	0.02
63.250	0.00	0.02	0.002	O	|	|	|	|	0.02
63.333	0.00	0.02	0.002	O	|	|	|	|	0.02
63.417	0.00	0.02	0.001	O	|	|	|	|	0.01
63.500	0.00	0.01	0.001	O	|	|	|	|	0.01
63.583	0.00	0.01	0.001	O	|	|	|	|	0.01
63.667	0.00	0.01	0.001	O	|	|	|	|	0.01
63.750	0.00	0.01	0.001	O	|	|	|	|	0.01
63.833	0.00	0.01	0.001	O	|	|	|	|	0.01
63.917	0.00	0.01	0.001	O	|	|	|	|	0.01
64.000	0.00	0.01	0.001	O	|	|	|	|	0.01
64.083	0.00	0.01	0.001	O	|	|	|	|	0.01
64.167	0.00	0.01	0.001	O	|	|	|	|	0.01
64.250	0.00	0.01	0.001	O	|	|	|	|	0.01
64.333	0.00	0.01	0.001	O	|	|	|	|	0.01
64.417	0.00	0.01	0.001	O	|	|	|	|	0.01
64.500	0.00	0.01	0.001	O	|	|	|	|	0.01
64.583	0.00	0.01	0.001	O	|	|	|	|	0.01
64.667	0.00	0.01	0.000	O	|	|	|	|	0.00
64.750	0.00	0.00	0.000	O	|	|	|	|	0.00
64.833	0.00	0.00	0.000	O	|	|	|	|	0.00
64.917	0.00	0.00	0.000	O	|	|	|	|	0.00
65.000	0.00	0.00	0.000	O	|	|	|	|	0.00
65.083	0.00	0.00	0.000	O	|	|	|	|	0.00
65.167	0.00	0.00	0.000	O	|	|	|	|	0.00
65.250	0.00	0.00	0.000	O	|	|	|	|	0.00
65.333	0.00	0.00	0.000	O	|	|	|	|	0.00
65.417	0.00	0.00	0.000	O	|	|	|	|	0.00
65.500	0.00	0.00	0.000	O	|	|	|	|	0.00
65.583	0.00	0.00	0.000	O	|	|	|	|	0.00
65.667	0.00	0.00	0.000	O	|	|	|	|	0.00
65.750	0.00	0.00	0.000	O	|	|	|	|	0.00
65.833	0.00	0.00	0.000	O	|	|	|	|	0.00
65.917	0.00	0.00	0.000	O	|	|	|	|	0.00
66.000	0.00	0.00	0.000	O	|	|	|	|	0.00
66.083	0.00	0.00	0.000	O	|	|	|	|	0.00
66.167	0.00	0.00	0.000	O	|	|	|	|	0.00
66.250	0.00	0.00	0.000	O	|	|	|	|	0.00
66.333	0.00	0.00	0.000	O	|	|	|	|	0.00
66.417	0.00	0.00	0.000	O	|	|	|	|	0.00

**********HYDROGRAPH DATA**********

Number of intervals = 797
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 3.965 (CFS)
Total volume = 3.037 (Ac.Ft)

Status of hydrographs being held in storage

Stream 1	Stream 2	Stream 3	Stream 4	Stream 5

Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

Appendix E
Soil Group Map and Isohyetal Map

SOURCE: GEOLOGY MAP

SOURCE: GEOLOGY MAP
SOURCE: 1971 SCS SURVEY

Project Location

INDEX MAP

C-1 | C-2 | SAN BERNARDINO COUNTY | C-3 | C-4 | C-5 | C-6 | C-7 | C-8

LEGEND

SOIL GROUP BOUNDARY

A SOIL GROUP DESIGNATION

BOUNDARY OF INDICATED SOURCE

SCALE 1:48,000

SCALE REDUCED BY 1/2

SAN BERNARDINO COUNTY
HYDROLOGY MANUAL

HYDROLOGIC SOILS GROUP MAP FOR SOUTHWEST-B AREA

FIGURE C-14

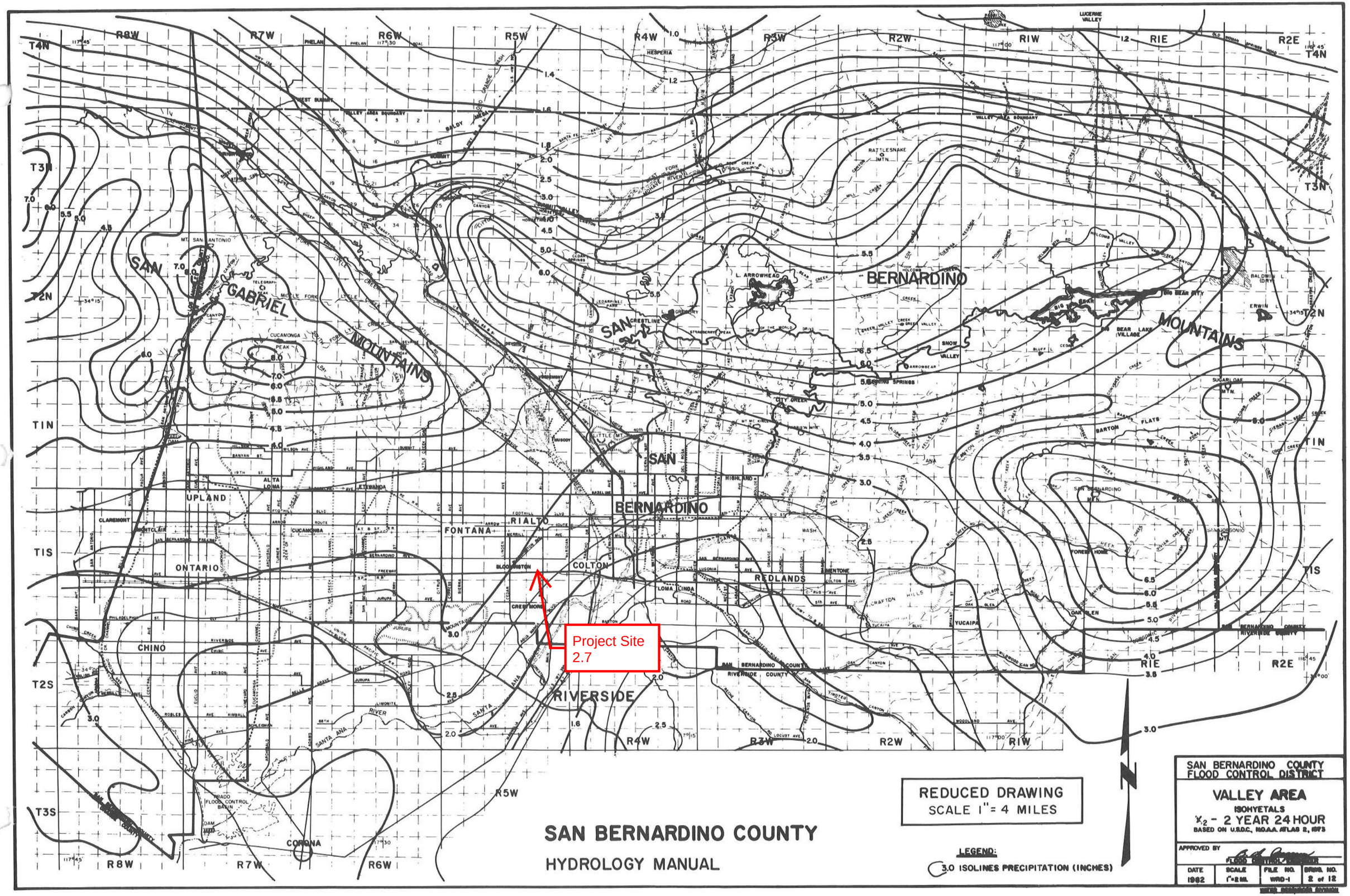

Project Site
2.7
SAN BERNARDINO COUNTY
HYDROLOGY MANUAL
REDUCED DRAWING
SCALE 1" = 4 MILES
LEGEND:
3.0 ISOLINES PRECIPITATION (INCHES)
SAN BERNARDINO COUNTY
FLOOD CONTROL DISTRICT
VALLEY AREA
ISOHYETALS
X2 - 2 YEAR 24 HOUR
BASED ON U.S.D.C., N.O.A.A. ATLAS 2, 1973
APPROVED BY
DATE 1982
SCALE 1"=2 MI.
FILE NO. WRD-1
DRWG. NO. 2 of 12

FIGURE B-2

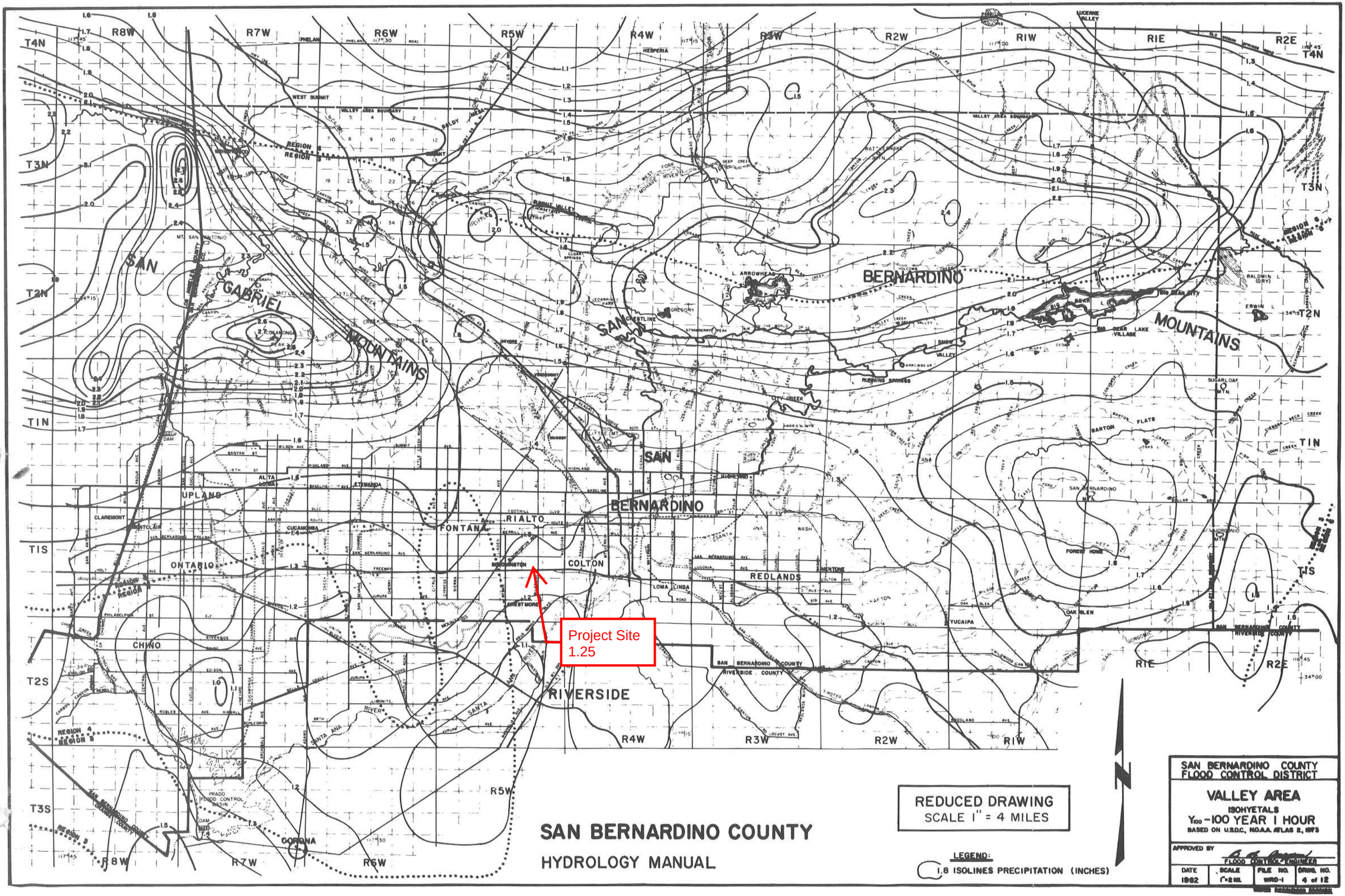

Project Site
1.25
SAN BERNARDINO COUNTY
HYDROLOGY MANUAL
REDUCED DRAWING
SCALE 1" = 4 MILES
LEGEND:
1.8 ISOLINES PRECIPITATION (INCHES)
SAN BERNARDINO COUNTY
FLOOD CONTROL DISTRICT
VALLEY AREA
ISOHYETALS
Y100 - 100 YEAR 1 HOUR
BASED ON U.S.D.C., N.O.A.A. ATLAS 2, 1973
APPROVED BY
FLOOD CONTROL ENGINEER
DATE 1982
SCALE 1"=2 MI.
FILE NO. WRD-1
DRWG. NO. 4 of 12

FIGURE B-4

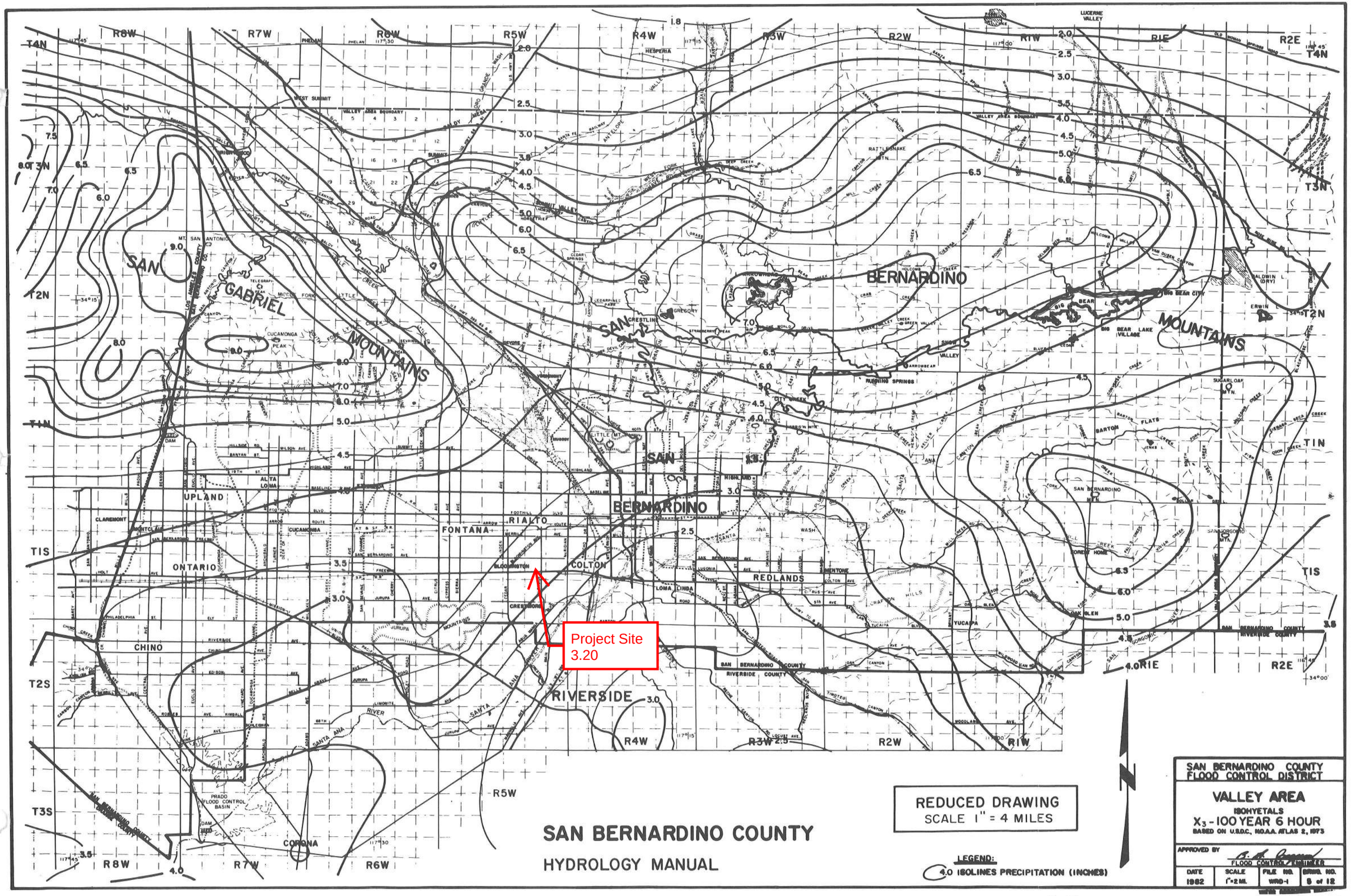

Project Site
3.20
SAN BERNARDINO COUNTY
HYDROLOGY MANUAL
REDUCED DRAWING
SCALE 1" = 4 MILES
LEGEND:
4.0 ISOLINES PRECIPITATION (INCHES)
SAN BERNARDINO COUNTY
FLOOD CONTROL DISTRICT
VALLEY AREA
ISOHYETALS
X3 - 100 YEAR 6 HOUR
BASED ON U.S.D.C., NO.A.A. ATLAS 2, 1973
APPROVED BY
FLOOD CONTROL ENGINEER
DATE 1982
SCALE 1"=2 MI.
FILE NO. WRD-1
DRWG. NO. 5 of 12

FIGURE B-5

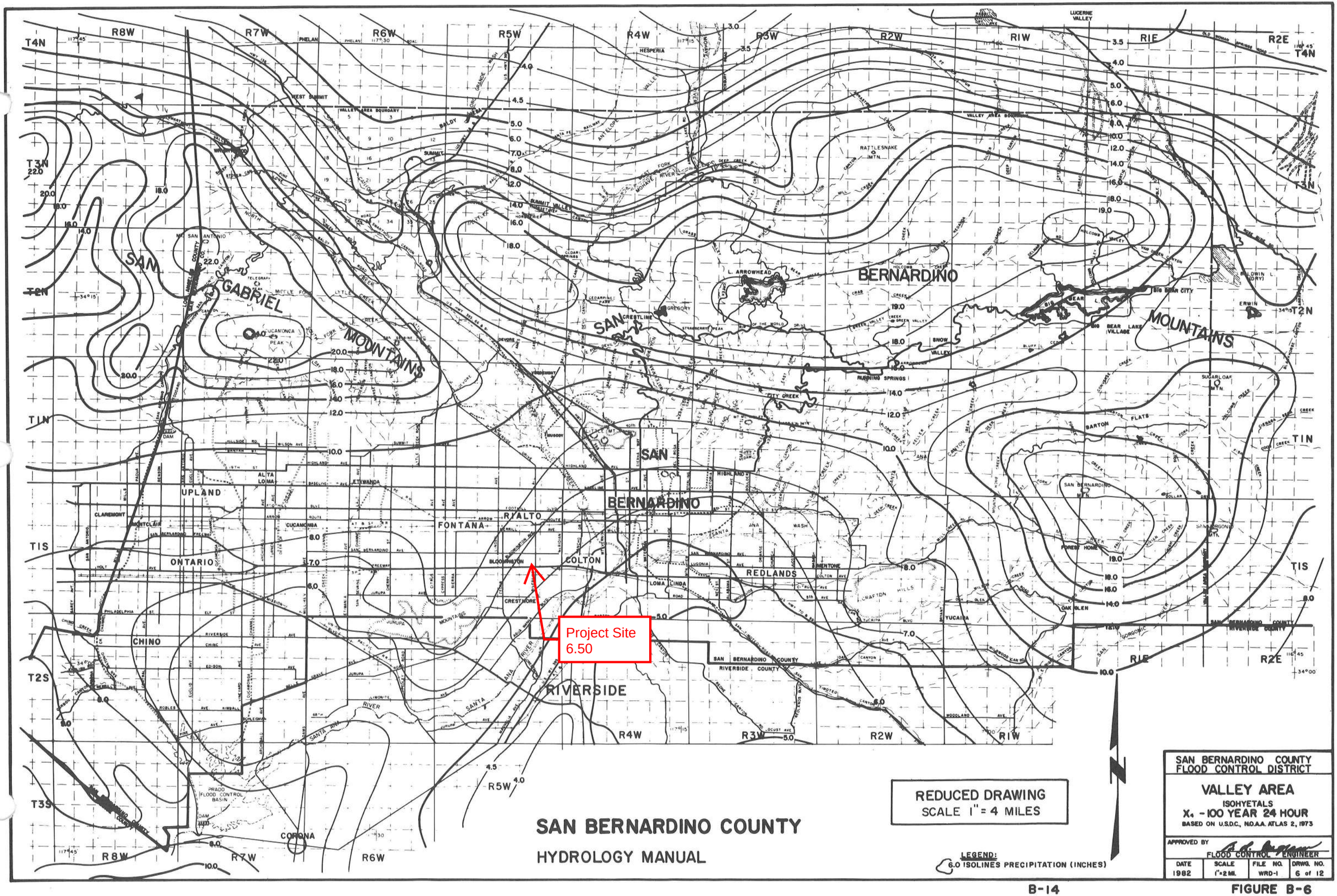

Project Site
6.50
SAN BERNARDINO COUNTY
HYDROLOGY MANUAL
REDUCED DRAWING
SCALE 1" = 4 MILES
LEGEND:
6.0 ISOLINES PRECIPITATION (INCHES)
SAN BERNARDINO COUNTY
FLOOD CONTROL DISTRICT
VALLEY AREA
ISOHYETALS
X₁ - 100 YEAR 24 HOUR
BASED ON U.S.D.C., N.O.A.A. ATLAS 2, 1973
APPROVED BY
FLOOD CONTROL ENGINEER
DATE 1982
SCALE 1"=2 MI.
FILE NO. WRD-1
DRWG. NO. 6 of 12

FIGURE B-6

Appendix G
Noise Attachments

Appendix G
Noise Attachments

Appendix G-1
Field Noise Data Sheets

FORMS DUDEK FIELD DATA REPORT

Field Noise Measurement Data

Record: 1534	
Project Name	*Alice/Willow*
Project #	*14856*
Observer(s)	
Date	*2022-11-03*

Meteorological Conditions	
Temp (F)	*59.5*
Humidity % (R.H.)	*45*
Wind	*Moderate*
Wind Speed (MPH)	*4*
Wind Direction	*South West*
Sky	*Clear*

Instrument and Calibrator Information	
Instrument Name List	*Piccolo #1897*
Instrument Name	*Piccolo #1897*
Instrument Name Lookup Key	*Piccolo #1897*
Manufacturer	*Soft dB inc.*
Model	*Piccolo*
Serial Number	*P0222050202*
Calibration Date	*05/02/2022*
Calibrator Name	*(SB) LD CAL200*
Calibrator Name	*(SB) LD CAL200*
Calibrator Name Lookup Key	*(SB) LD CAL200*
Calibrator Manufacturer	*Larson Davis*
Calibrator Model	*LD CAL200*
Calibrator Serial #	*19952*
GPS Assistance Used	*No*
Pre-Test (dBA SPL)	*93.1*
Post-Test (dBA SPL)	*94*
Windscreen	*Yes*
Weighting?	*A-WTD*
Slow/Fast?	*Slow*
ANSI?	*Yes*

Monitoring	
Record #	*1*
Site ID	*ST2*
Site Location Lat/Long	*34.071158, -117.378898*
Begin (Time)	*11:58:00*
End (Time)	*11:13:00*
Other Lx (Specify Metric)	*L*
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Birds, Distant Conversations / Yelling, Distant Industrial, Distant Traffic*
Other Noise Sources Additional Description	*School bell*
Is the same instrument and calibrator being used as previously noted?	*Yes*
Are the meteorological conditions the same as previously noted?	*Yes*

FORMS FIELD DATA REPORT

Source Info and Traffic Counts

Number of Lanes	*2*
Lane Width (feet)	*40*
Roadway Width (feet)	*80*
Roadway Width (m)	*24.4*
Distance to Roadway (feet)	*3.5*
Distance to Roadway (m)	*1.1*
Distance Measured to Centerline or Edge of Pavement?	*Edge of Pavement*
Roadway Type	*Avenue*
Estimated Vehicle Speed (MPH)	*25*
Speeds Estimated by:	*Driving the Pace*
Posted Speed Limit Sign (MPH)	*25*

Traffic Counts

Vehicle Count Summary	*A 35, MT 1, HT 0, B 0, MC 0*
Select Method for Recording Count Duration	*Enter Manually*
Counting Both Directions?	*Yes*
Count Duration (minutes)	*15*
Vehicle Count Tally	
Select Method for Vehicle Counts	*Use Counter (+/-)*
Number of Vehicles - Autos	*35*
Number of Vehicles - Medium Trucks	*1*
Number of Vehicles - Heavy Trucks	*0*
Number of Vehicles - Buses	*0*
Number of Vehicles - Motorcyles	*0*

Description / Photos

Terrain	*Hard*

Site Photos

Photo	
Comments / Description	*ST2 North*

Site Photos

Photo	
	
Comments / Description	*ST2 South*

Site Photos

Photo	
	
Comments / Description	*ST2 East*

Site Photos

Photo	
Comments / Description	*ST2 West*

Monitoring

Record #	*2*
Site ID	*ST3*
Site Location Lat/Long	*34.070745, -117.379603*
Begin (Time)	*12:18:00*
End (Time)	*12:33:00*
Other Lx (Specify Metric)	*L*
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Distant Traffic*
Other Noise Sources Additional Description	*Train tracks, Train whistle*
Is the same instrument and calibrator being used as previously noted?	*Yes*
Are the meteorological conditions the same as previously noted?	*Yes*

Source Info and Traffic Counts

Number of Lanes	*5*
Lane Width (feet)	*10*
Roadway Width (feet)	*60*
Roadway Width (m)	*18.3*
Distance to Roadway (feet)	*20*
Distance to Roadway (m)	*6.1*
Distance Measured to Centerline or Edge of Pavement?	*Edge of Pavement*
Roadway Type	*Boulevard*
Estimated Vehicle Speed (MPH)	*35*
Speeds Estimated by:	*Driving the Pace*
Posted Speed Limit Sign (MPH)	*25*

Traffic Counts

Vehicle Count Summary	*A 212, MT 4, HT 7, B 0, MC 0*
Select Method for Recording Count Duration	*Enter Manually*
Counting Both Directions?	*Yes*
Count Duration (minutes)	*15*
Vehicle Count Tally	
Select Method for Vehicle Counts	*Enter Manually*
Number of Vehicles - Autos	*212*
Number of Vehicles - Medium Trucks	*4*
Number of Vehicles - Heavy Trucks	*7*
Number of Vehicles - Buses	*0*
Number of Vehicles - Motorcyles	*0*

Description / Photos

Terrain	*Mixed*

Site Photos

Photo	
Comments / Description	*ST3 North*

Site Photos

Photo	
Comments / Description	*ST3 South*

Site Photos

Photo	
Comments / Description	*ST3 East*

Site Photos

Photo	
Comments / Description	*ST3 West*

Monitoring

Record #	*3*
Site ID	*ST1*
Site Location Lat/Long	*34.070290, -117.378925*
Begin (Time)	*12:39:00*
End (Time)	*12:54:00*
Other Lx (Specify Metric)	*L*
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Distant Conversations / Yelling, Distant Industrial, Distant Traffic*
Is the same instrument and calibrator being used as previously noted?	*Yes*
Are the meteorological conditions the same as previously noted?	*Yes*

Description / Photos

Terrain	*Mixed*

Site Photos

Photo	
Comments / Description	*ST1 North*

Site Photos

Photo	
Comments / Description	*ST1 South*

Site Photos

Photo	
	
Comments / Description	*ST1 East*

Site Photos

Photo	
	
Comments / Description	*ST1 West*

FORMS FIELD DATA REPORT

Monitoring	
Record #	4
Site ID	ST4
Site Location Lat/Long	34.074194, -117.370108
Begin (Time)	14:05:00
End (Time)	14:20:00
Other Lx (Specify Metric)	L
Primary Noise Source	Traffic
Other Noise Sources (Background)	Distant Conversations / Yelling, Distant Industrial, Distant Traffic
Is the same instrument and calibrator being used as previously noted?	Yes
Are the meteorological conditions the same as previously noted?	Yes

Source Info and Traffic Counts	
Number of Lanes	6
Lane Width (feet)	10
Roadway Width (feet)	70
Roadway Width (m)	21.3
Distance to Roadway (feet)	2
Distance to Roadway (m)	0.6
Distance Measured to Centerline or Edge of Pavement?	Edge of Pavement
Roadway Type	Avenue
Estimated Vehicle Speed (MPH)	45
Speeds Estimated by:	Driving the Pace
Posted Speed Limit Sign (MPH)	40

Traffic Counts	
Vehicle Count Summary	A 501, MT 4, HT 2, B 0, MC 0
Select Method for Recording Count Duration	Enter Manually
Counting Both Directions?	Yes
Count Duration (minutes)	15
Vehicle Count Tally	
Select Method for Vehicle Counts	Enter Manually
Number of Vehicles - Autos	501
Number of Vehicles - Medium Trucks	4
Number of Vehicles - Heavy Trucks	2
Number of Vehicles - Buses	0
Number of Vehicles - Motorcyles	0

Description / Photos	
Terrain	Hard

Site Photos

Photo	
	
Comments / Description	*ST4 North*

Site Photos

Photo	
	
Comments / Description	*ST4 South*

Site Photos

Photo	
	
Comments / Description	*ST4 East*

Site Photos

Photo	
	
Comments / Description	*ST4 West*

ST1

Number	Start Date	Start Time	End Time	Duration	Meas Mod	Input Rang	Input Type	SPL Time V	LN% Freq \	Overload	UnderRang	Sensitivity	LAeq	LASmax	LASmin
908	11/3/2022	12:36:08 PM	12:36:10 PM	0:00:02	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	58.8	59.1	58.5
909	11/3/2022	12:36:10 PM	12:36:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	59.1	61.2	56.9
910	11/3/2022	12:36:20 PM	12:36:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	56.6	58	56
911	11/3/2022	12:36:30 PM	12:36:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	62	63.9	58
912	11/3/2022	12:36:40 PM	12:36:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.3	64.4	58.2
913	11/3/2022	12:36:50 PM	12:37:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.9	65.1	58.5
914	11/3/2022	12:37:00 PM	12:37:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	60	63	55.8
915	11/3/2022	12:37:10 PM	12:37:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	55.9	56.6	55.3
916	11/3/2022	12:37:20 PM	12:37:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	59.2	63.6	55.9
917	11/3/2022	12:37:30 PM	12:37:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	60.3	62.2	56.2
918	11/3/2022	12:37:40 PM	12:37:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	56.8	60.4	56
919	11/3/2022	12:37:50 PM	12:38:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	56.7	59.2	55.7
920	11/3/2022	12:38:00 PM	12:38:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	62.4	65.3	57.9
921	11/3/2022	12:38:10 PM	12:38:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	56.3	57.8	55.7
922	11/3/2022	12:38:20 PM	12:38:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	56.3	56.6	55.7
923	11/3/2022	12:38:30 PM	12:38:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	62.2	64.3	55.8
924	11/3/2022	12:38:40 PM	12:38:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	59	62.3	56.8
925	11/3/2022	12:38:50 PM	12:39:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.5	65.9	57.5
926	11/3/2022	12:39:00 PM	12:39:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.2	63.8	58.2
927	11/3/2022	12:39:10 PM	12:39:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61	63.9	59.8
928	11/3/2022	12:39:20 PM	12:39:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.5	64.9	59.2
929	11/3/2022	12:39:30 PM	12:39:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	64.4	67	58
930	11/3/2022	12:39:40 PM	12:39:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	72.9	73.8	64.7
931	11/3/2022	12:39:50 PM	12:40:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	72.3	73.2	71.9
932	11/3/2022	12:40:00 PM	12:40:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	72.8	74.1	72
933	11/3/2022	12:40:10 PM	12:40:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	72.4	77.7	69.9
934	11/3/2022	12:40:20 PM	12:40:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	72.5	75.8	69.6
935	11/3/2022	12:40:30 PM	12:40:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	71.3	76.7	65
936	11/3/2022	12:40:40 PM	12:40:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	63.5	65.4	63.2
937	11/3/2022	12:40:50 PM	12:41:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	64.9	66.3	63.3
938	11/3/2022	12:41:00 PM	12:41:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	60.2	64.8	58.5
939	11/3/2022	12:41:10 PM	12:41:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.7	64.6	59
940	11/3/2022	12:41:20 PM	12:41:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	59.4	60.4	58.6
941	11/3/2022	12:41:30 PM	12:41:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	59.8	63.5	57
942	11/3/2022	12:41:40 PM	12:41:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.8	64.7	58.7
943	11/3/2022	12:41:50 PM	12:42:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	66.1	68.5	58.6
944	11/3/2022	12:42:00 PM	12:42:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	62.9	67.4	58.3
945	11/3/2022	12:42:10 PM	12:42:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	58.8	60.4	57.3
946	11/3/2022	12:42:20 PM	12:42:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	68	72.6	60.5

947	11/3/2022	12:42:30 PM	12:42:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	63.2	64.3	62.8
948	11/3/2022	12:42:40 PM	12:42:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	62.5	64	60
949	11/3/2022	12:42:50 PM	12:43:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	63.4	64.3	60.1
950	11/3/2022	12:43:00 PM	12:43:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	65.3	68.1	60.6
951	11/3/2022	12:43:10 PM	12:43:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	60.9	61.9	60
952	11/3/2022	12:43:20 PM	12:43:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	62.4	65	59.1
953	11/3/2022	12:43:30 PM	12:43:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	58.3	60.9	56.6
954	11/3/2022	12:43:40 PM	12:43:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	56.5	57.2	56.1
955	11/3/2022	12:43:50 PM	12:44:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	59.8	60.7	57.1
956	11/3/2022	12:44:00 PM	12:44:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	59.3	61.1	57.4
957	11/3/2022	12:44:10 PM	12:44:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	63.9	64.6	59.8
958	11/3/2022	12:44:20 PM	12:44:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	65.7	71.3	60.3
959	11/3/2022	12:44:30 PM	12:44:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.7	69.9	60.1
960	11/3/2022	12:44:40 PM	12:44:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	65	66.9	60.2
961	11/3/2022	12:44:50 PM	12:45:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	66.2	70.2	62
962	11/3/2022	12:45:00 PM	12:45:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	64.1	66.1	61.6
963	11/3/2022	12:45:10 PM	12:45:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.3	62.1	61
964	11/3/2022	12:45:20 PM	12:45:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.6	62.7	60.7
965	11/3/2022	12:45:30 PM	12:45:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	68.4	71.8	62.2
966	11/3/2022	12:45:40 PM	12:45:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	66.8	69.9	64
967	11/3/2022	12:45:50 PM	12:46:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	62.3	63.9	61.1
968	11/3/2022	12:46:00 PM	12:46:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	64.3	67.8	62.3
969	11/3/2022	12:46:10 PM	12:46:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	63.3	64.6	62.3
970	11/3/2022	12:46:20 PM	12:46:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	62.3	63.8	61.4
971	11/3/2022	12:46:30 PM	12:46:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.6	63.1	61
972	11/3/2022	12:46:40 PM	12:46:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.4	63	59.5
973	11/3/2022	12:46:50 PM	12:47:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	62.3	66.6	59
974	11/3/2022	12:47:00 PM	12:47:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	65.7	67.4	64.1
975	11/3/2022	12:47:10 PM	12:47:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	60.8	64.4	58.8
976	11/3/2022	12:47:20 PM	12:47:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	59	60.4	57.9
977	11/3/2022	12:47:30 PM	12:47:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	60.5	62.6	58.5
978	11/3/2022	12:47:40 PM	12:47:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	59.5	61	58.9
979	11/3/2022	12:47:50 PM	12:48:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	59.7	61	59.1
980	11/3/2022	12:48:00 PM	12:48:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	67.6	69.6	61
981	11/3/2022	12:48:10 PM	12:48:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	66.2	69	63.4
982	11/3/2022	12:48:20 PM	12:48:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	60.2	64.6	58.2
983	11/3/2022	12:48:30 PM	12:48:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	63.2	65	60.7
984	11/3/2022	12:48:40 PM	12:48:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	58.3	62.1	57.9
985	11/3/2022	12:48:50 PM	12:49:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	56.9	58.3	55.7
986	11/3/2022	12:49:00 PM	12:49:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	56.4	58.3	55.7
987	11/3/2022	12:49:10 PM	12:49:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	65.6	68.7	57
988	11/3/2022	12:49:20 PM	12:49:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	61.2	61.7	60.5
989	11/3/2022	12:49:30 PM	12:49:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	64.7	68.4	60.8

990	11/3/2022	12:49:40 PM	12:49:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	63	64.3	60.2
991	11/3/2022	12:49:50 PM	12:50:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	64.3	66	61.3
992	11/3/2022	12:50:00 PM	12:50:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	65	67.1	62.7
993	11/3/2022	12:50:10 PM	12:50:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	65.1	66.4	63
994	11/3/2022	12:50:20 PM	12:50:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	65.2	66.2	63.5
995	11/3/2022	12:50:30 PM	12:50:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	68.6	72.4	64.8
996	11/3/2022	12:50:40 PM	12:50:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/Pa	66.9	71.2	65

Leq	64.8
Lmax	77.7
Lmin	55.3

ST2

Number	Start Date	Start Time	End Time	Duration	Meas Mod	Input Rang	Input Type	SPL Time W	LN% Freq \	Overload	UnderRang	Sensitivity	LAeq	LASmax	LASmin
729	11/3/2022	11:55:38 AM	11:55:40 AM	0:00:02	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.2	58.7	56.2
730	11/3/2022	11:55:40 AM	11:55:50 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57	59.4	55.2
731	11/3/2022	11:55:50 AM	11:56:00 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.3	58.5	56.3
732	11/3/2022	11:56:00 AM	11:56:10 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56.2	58.7	55.3
733	11/3/2022	11:56:10 AM	11:56:20 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.9	65.4	55.2
734	11/3/2022	11:56:20 AM	11:56:30 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56.5	59.7	56
735	11/3/2022	11:56:30 AM	11:56:40 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56	57.1	55.1
736	11/3/2022	11:56:40 AM	11:56:50 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.6	63.5	57.1
737	11/3/2022	11:56:50 AM	11:57:00 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.6	66	58.9
738	11/3/2022	11:57:00 AM	11:57:10 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.9	60.4	56.6
739	11/3/2022	11:57:10 AM	11:57:20 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56.8	57.2	56.1
740	11/3/2022	11:57:20 AM	11:57:30 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.3	57.8	57
741	11/3/2022	11:57:30 AM	11:57:40 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.1	57.7	56.6
742	11/3/2022	11:57:40 AM	11:57:50 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.6	59	56.2
743	11/3/2022	11:57:50 AM	11:58:00 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57	57.9	56.1
744	11/3/2022	11:58:00 AM	11:58:10 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.8	68.5	57
745	11/3/2022	11:58:10 AM	11:58:20 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58	60.6	56.5
746	11/3/2022	11:58:20 AM	11:58:30 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56.1	58.4	55.4
747	11/3/2022	11:58:30 AM	11:58:40 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61	66.8	55.4
748	11/3/2022	11:58:40 AM	11:58:50 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.4	66.9	56.7
749	11/3/2022	11:58:50 AM	11:59:00 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.4	57.9	56.4
750	11/3/2022	11:59:00 AM	11:59:10 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66.3	71.7	57.6
751	11/3/2022	11:59:10 AM	11:59:20 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	71.1	74.9	64.6
752	11/3/2022	11:59:20 AM	11:59:30 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.7	67.6	60.8
753	11/3/2022	11:59:30 AM	11:59:40 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.9	66.7	57.8
754	11/3/2022	11:59:40 AM	11:59:50 AM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.3	69	58.2
755	11/3/2022	11:59:50 AM	12:00:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.5	64.7	57.8
756	11/3/2022	12:00:00 PM	12:00:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.7	68.5	57.9
757	11/3/2022	12:00:10 PM	12:00:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.5	61.3	56.7
758	11/3/2022	12:00:20 PM	12:00:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.2	63.1	57.4
759	11/3/2022	12:00:30 PM	12:00:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56.3	60.3	55.6
760	11/3/2022	12:00:40 PM	12:00:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.1	58.3	56.1
761	11/3/2022	12:00:50 PM	12:01:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.5	59.5	55.6
762	11/3/2022	12:01:00 PM	12:01:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56.2	58.2	54.6
763	11/3/2022	12:01:10 PM	12:01:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.1	60.7	56
764	11/3/2022	12:01:20 PM	12:01:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58	61.6	55.4
765	11/3/2022	12:01:30 PM	12:01:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.3	61.6	59.6
766	11/3/2022	12:01:40 PM	12:01:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	68.1	75.6	59.1
767	11/3/2022	12:01:50 PM	12:02:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	70.1	78.4	57.4
768	11/3/2022	12:02:00 PM	12:02:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.9	62.5	57.8

769	11/3/2022	12:02:10 PM	12:02:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.7	59.3	57.8
770	11/3/2022	12:02:20 PM	12:02:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.6	58.6	57
771	11/3/2022	12:02:30 PM	12:02:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.1	58.3	56.2
772	11/3/2022	12:02:40 PM	12:02:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.9	58.8	57
773	11/3/2022	12:02:50 PM	12:03:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.5	70.1	56.8
774	11/3/2022	12:03:00 PM	12:03:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.7	69.5	57.1
775	11/3/2022	12:03:10 PM	12:03:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.4	61.3	57.1
776	11/3/2022	12:03:20 PM	12:03:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.7	69.4	59.6
777	11/3/2022	12:03:30 PM	12:03:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.3	64.1	59.2
778	11/3/2022	12:03:40 PM	12:03:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56.7	59.8	56.1
779	11/3/2022	12:03:50 PM	12:04:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	55.7	57.2	54.5
780	11/3/2022	12:04:00 PM	12:04:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58	61.5	56.1
781	11/3/2022	12:04:10 PM	12:04:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.8	65.6	57.8
782	11/3/2022	12:04:20 PM	12:04:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.1	62.2	59.3
783	11/3/2022	12:04:30 PM	12:04:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.4	66.9	59.5
784	11/3/2022	12:04:40 PM	12:04:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.4	62.3	57.5
785	11/3/2022	12:04:50 PM	12:05:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.7	67.6	57.5
786	11/3/2022	12:05:00 PM	12:05:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.3	66.9	57.9
787	11/3/2022	12:05:10 PM	12:05:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.7	62.4	57.8
788	11/3/2022	12:05:20 PM	12:05:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	68.6	72.9	60.5
789	11/3/2022	12:05:30 PM	12:05:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.1	63.6	58.1
790	11/3/2022	12:05:40 PM	12:05:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.3	66.9	58.4
791	11/3/2022	12:05:50 PM	12:06:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.2	65.1	57.7
792	11/3/2022	12:06:00 PM	12:06:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58	60.1	56.9
793	11/3/2022	12:06:10 PM	12:06:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.3	62.8	58.3
794	11/3/2022	12:06:20 PM	12:06:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.6	60.2	59.1
795	11/3/2022	12:06:30 PM	12:06:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61	62	60.1
796	11/3/2022	12:06:40 PM	12:06:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.2	61.8	59.7
797	11/3/2022	12:06:50 PM	12:07:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.3	66.1	61.4
798	11/3/2022	12:07:00 PM	12:07:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	68.7	74.6	60.9
799	11/3/2022	12:07:10 PM	12:07:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.4	67.7	59.5
800	11/3/2022	12:07:20 PM	12:07:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.5	69.7	62.1
801	11/3/2022	12:07:30 PM	12:07:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.2	64.4	59.9
802	11/3/2022	12:07:40 PM	12:07:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63	65.6	60.2
803	11/3/2022	12:07:50 PM	12:08:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.2	64.6	58.6
804	11/3/2022	12:08:00 PM	12:08:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.4	70.6	59.4
805	11/3/2022	12:08:10 PM	12:08:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.6	61.7	57.2
806	11/3/2022	12:08:20 PM	12:08:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	Yes	No	17.61mV/F	64.7	69.5	59.7
807	11/3/2022	12:08:30 PM	12:08:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.2	65.1	60.6
808	11/3/2022	12:08:40 PM	12:08:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.5	61.7	58.7
809	11/3/2022	12:08:50 PM	12:09:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.9	64	58.3
810	11/3/2022	12:09:00 PM	12:09:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.5	59.1	57.9
811	11/3/2022	12:09:10 PM	12:09:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.1	60.1	58
812	11/3/2022	12:09:20 PM	12:09:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.9	60.1	57.9

813	11/3/2022	12:09:30 PM	12:09:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	68.2	72	57.6
814	11/3/2022	12:09:40 PM	12:09:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66.7	71.9	61.2
815	11/3/2022	12:09:50 PM	12:10:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65	70.9	58.7
816	11/3/2022	12:10:00 PM	12:10:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.2	63	57.5

Leq	62.6
Lmax	78.4
Lmin	54.5

ST3

Number	Start Date	Start Time	End Time	Duration	Meas Mod	Input Rang	Input Type	SPL Time W	LN% Freq W	Overload	UnderRang	Sensitivity	LAeq	LASmax	LASmin
818	11/3/2022	12:15:32 PM	12:15:40 PM	0:00:08	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.8	59.8	56
819	11/3/2022	12:15:40 PM	12:15:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.1	66.6	57.6
820	11/3/2022	12:15:50 PM	12:16:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56.8	59.5	55.3
821	11/3/2022	12:16:00 PM	12:16:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	68.5	73.7	59.6
822	11/3/2022	12:16:10 PM	12:16:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.2	62.8	56.8
823	11/3/2022	12:16:20 PM	12:16:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60	62	56.8
824	11/3/2022	12:16:30 PM	12:16:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.5	62.6	56.8
825	11/3/2022	12:16:40 PM	12:16:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.1	59.6	56.4
826	11/3/2022	12:16:50 PM	12:17:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.5	68.3	56.3
827	11/3/2022	12:17:00 PM	12:17:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	70.6	73.5	67.1
828	11/3/2022	12:17:10 PM	12:17:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66.6	71.3	62
829	11/3/2022	12:17:20 PM	12:17:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	69.6	73	65.1
830	11/3/2022	12:17:30 PM	12:17:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.7	72.9	58
831	11/3/2022	12:17:40 PM	12:17:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.1	62.6	57.4
832	11/3/2022	12:17:50 PM	12:18:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64	67.9	60.8
833	11/3/2022	12:18:00 PM	12:18:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	70.3	72.8	67.1
834	11/3/2022	12:18:10 PM	12:18:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65	71.1	59.7
835	11/3/2022	12:18:20 PM	12:18:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.3	66.6	56.1
836	11/3/2022	12:18:30 PM	12:18:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	55.9	56.6	55.5
837	11/3/2022	12:18:40 PM	12:18:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56.6	57.6	56.1
838	11/3/2022	12:18:50 PM	12:19:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.4	60.2	54.3
839	11/3/2022	12:19:00 PM	12:19:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	68.4	73.2	59.8
840	11/3/2022	12:19:10 PM	12:19:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.9	64.3	56.7
841	11/3/2022	12:19:20 PM	12:19:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67.5	69.4	58.3
842	11/3/2022	12:19:30 PM	12:19:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.8	66.8	58.3
843	11/3/2022	12:19:40 PM	12:19:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.6	63.8	53.7
844	11/3/2022	12:19:50 PM	12:20:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.1	61.8	53.8
845	11/3/2022	12:20:00 PM	12:20:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.3	68.6	57.1
846	11/3/2022	12:20:10 PM	12:20:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	55	57	54.3
847	11/3/2022	12:20:20 PM	12:20:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.9	63.7	55.8
848	11/3/2022	12:20:30 PM	12:20:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66.3	67.6	62
849	11/3/2022	12:20:40 PM	12:20:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64	66.9	59.6
850	11/3/2022	12:20:50 PM	12:21:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56	60.3	52.8
851	11/3/2022	12:21:00 PM	12:21:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	53.3	53.7	52.7
852	11/3/2022	12:21:10 PM	12:21:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	54.7	57	52.9
853	11/3/2022	12:21:20 PM	12:21:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56.7	58	55.2
854	11/3/2022	12:21:30 PM	12:21:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67	69.1	56.6
855	11/3/2022	12:21:40 PM	12:21:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	70	71.9	66.2
856	11/3/2022	12:21:50 PM	12:22:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.7	71.6	56.2

857	11/3/2022	12:22:00 PM	12:22:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.3	65.1	53.9
858	11/3/2022	12:22:10 PM	12:22:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	53	53.9	52.7
859	11/3/2022	12:22:20 PM	12:22:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	52.9	53.7	52.4
860	11/3/2022	12:22:30 PM	12:22:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66.7	69.8	53.8
861	11/3/2022	12:22:40 PM	12:22:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.9	65.8	59.3
862	11/3/2022	12:22:50 PM	12:23:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.2	67.8	55.7
863	11/3/2022	12:23:00 PM	12:23:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.7	68.6	56.1
864	11/3/2022	12:23:10 PM	12:23:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.8	69.9	55
865	11/3/2022	12:23:20 PM	12:23:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62	68.1	55
866	11/3/2022	12:23:30 PM	12:23:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.1	58.3	55
867	11/3/2022	12:23:40 PM	12:23:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67.5	71	56.6
868	11/3/2022	12:23:50 PM	12:24:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66	67.4	63.4
869	11/3/2022	12:24:00 PM	12:24:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	74.6	77.8	67.2
870	11/3/2022	12:24:10 PM	12:24:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	68.1	70.3	66.1
871	11/3/2022	12:24:20 PM	12:24:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.8	67.3	63.8
872	11/3/2022	12:24:30 PM	12:24:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	72.6	77.5	65.8
873	11/3/2022	12:24:40 PM	12:24:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.3	67	60
874	11/3/2022	12:24:50 PM	12:25:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.8	68.5	60.1
875	11/3/2022	12:25:00 PM	12:25:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.5	65.5	59
876	11/3/2022	12:25:10 PM	12:25:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58	60.3	57.6
877	11/3/2022	12:25:20 PM	12:25:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.3	62.7	56.8
878	11/3/2022	12:25:30 PM	12:25:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.6	64.2	59.9
879	11/3/2022	12:25:40 PM	12:25:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	72.7	75.9	60
880	11/3/2022	12:25:50 PM	12:26:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67.2	76	60
881	11/3/2022	12:26:00 PM	12:26:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.9	67.3	60.1
882	11/3/2022	12:26:10 PM	12:26:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.1	64.4	58.4
883	11/3/2022	12:26:20 PM	12:26:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.3	59.9	58.2
884	11/3/2022	12:26:30 PM	12:26:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.1	63.9	58.7
885	11/3/2022	12:26:40 PM	12:26:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67.6	71.1	59.2
886	11/3/2022	12:26:50 PM	12:27:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67	70.7	62.2
887	11/3/2022	12:27:00 PM	12:27:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.2	63.7	60.7
888	11/3/2022	12:27:10 PM	12:27:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.5	68.9	59.9
889	11/3/2022	12:27:20 PM	12:27:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.1	60.5	57.5
890	11/3/2022	12:27:30 PM	12:27:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59	62.1	57.1
891	11/3/2022	12:27:40 PM	12:27:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	70.3	75.6	62
892	11/3/2022	12:27:50 PM	12:28:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.5	68.4	58.1
893	11/3/2022	12:28:00 PM	12:28:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.7	61.3	57.2
894	11/3/2022	12:28:10 PM	12:28:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.5	68.7	59
895	11/3/2022	12:28:20 PM	12:28:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	68.4	72.5	60.2
896	11/3/2022	12:28:30 PM	12:28:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66.1	71	59.6
897	11/3/2022	12:28:40 PM	12:28:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66	69.6	58.7
898	11/3/2022	12:28:50 PM	12:29:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	70.2	71.8	68.5
899	11/3/2022	12:29:00 PM	12:29:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67.8	70.8	64.1

900	11/3/2022	12:29:10 PM	12:29:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	69.6	73.6	60.3
901	11/3/2022	12:29:20 PM	12:29:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.4	60.3	56.1
902	11/3/2022	12:29:30 PM	12:29:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.5	62.3	54.8
903	11/3/2022	12:29:40 PM	12:29:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.2	62.2	54.5
904	11/3/2022	12:29:50 PM	12:30:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.7	62	55.9
905	11/3/2022	12:30:00 PM	12:30:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.2	60.4	55.6

Leq	65.5
Lmax	77.8
Lmin	52.4

ST4

Number	Start Date	Start Time	End Time	Duration	Meas Mod	Input Rang	Input Type	SPL Time W	LN% Freq W	Overload	UnderRang	Sensitivity	LAeq	LASmax	LASmin
997	11/3/2022	2:01:54 PM	2:02:00 PM	0:00:06	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61	64.2	59
998	11/3/2022	2:02:00 PM	2:02:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.8	64.6	54
999	11/3/2022	2:02:10 PM	2:02:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.2	67.4	55.1
1000	11/3/2022	2:02:20 PM	2:02:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.3	65.2	49.7
1001	11/3/2022	2:02:30 PM	2:02:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	52.9	54.3	50.5
1002	11/3/2022	2:02:40 PM	2:02:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	54.6	57.5	50.5
1003	11/3/2022	2:02:50 PM	2:03:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	52.8	55.6	49.4
1004	11/3/2022	2:03:00 PM	2:03:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66.5	71.1	53.8
1005	11/3/2022	2:03:10 PM	2:03:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.7	68.1	57.3
1006	11/3/2022	2:03:20 PM	2:03:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	71.5	74.6	65.9
1007	11/3/2022	2:03:30 PM	2:03:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	70	71.7	67.2
1008	11/3/2022	2:03:40 PM	2:03:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67.2	71.2	62.2
1009	11/3/2022	2:03:50 PM	2:04:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65	70.4	58.8
1010	11/3/2022	2:04:00 PM	2:04:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.3	67.1	51.9
1011	11/3/2022	2:04:10 PM	2:04:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.9	69.8	52.4
1012	11/3/2022	2:04:20 PM	2:04:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	55.5	59.9	51
1013	11/3/2022	2:04:30 PM	2:04:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	54.4	59.7	51.7
1014	11/3/2022	2:04:40 PM	2:04:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65	71.6	52.2
1015	11/3/2022	2:04:50 PM	2:05:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.1	68.4	55.9
1016	11/3/2022	2:05:00 PM	2:05:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	69.1	75.1	61.3
1017	11/3/2022	2:05:10 PM	2:05:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.5	70	58
1018	11/3/2022	2:05:20 PM	2:05:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	71.8	77.4	63.8
1019	11/3/2022	2:05:30 PM	2:05:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66	71	61
1020	11/3/2022	2:05:40 PM	2:05:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66.1	69.5	62.8
1021	11/3/2022	2:05:50 PM	2:06:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	69.4	74.1	59.8
1022	11/3/2022	2:06:00 PM	2:06:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	71.1	75.4	59.8
1023	11/3/2022	2:06:10 PM	2:06:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.6	67.5	60
1024	11/3/2022	2:06:20 PM	2:06:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.6	70.5	60.5
1025	11/3/2022	2:06:30 PM	2:06:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.7	63.1	53.3
1026	11/3/2022	2:06:40 PM	2:06:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59	65.7	50.7
1027	11/3/2022	2:06:50 PM	2:07:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.8	63.9	50.8
1028	11/3/2022	2:07:00 PM	2:07:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66.1	70.9	61
1029	11/3/2022	2:07:10 PM	2:07:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.8	68.4	62
1030	11/3/2022	2:07:20 PM	2:07:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.3	69.6	59.8
1031	11/3/2022	2:07:30 PM	2:07:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.6	67.2	58.1
1032	11/3/2022	2:07:40 PM	2:07:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.6	67.4	54.5
1033	11/3/2022	2:07:50 PM	2:08:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.8	72.2	58.9
1034	11/3/2022	2:08:00 PM	2:08:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66.4	72	55.6
1035	11/3/2022	2:08:10 PM	2:08:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	51	55.6	50

1036	11/3/2022	2:08:20 PM	2:08:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.8	71.1	50.9
1037	11/3/2022	2:08:30 PM	2:08:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.8	70.5	53.2
1038	11/3/2022	2:08:40 PM	2:08:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	55.6	58.1	52
1039	11/3/2022	2:08:50 PM	2:09:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.4	67.2	57.5
1040	11/3/2022	2:09:00 PM	2:09:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	70.5	72.9	65.9
1041	11/3/2022	2:09:10 PM	2:09:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60	70.3	55.6
1042	11/3/2022	2:09:20 PM	2:09:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	69.1	70.9	63.5
1043	11/3/2022	2:09:30 PM	2:09:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	68.4	71.1	66
1044	11/3/2022	2:09:40 PM	2:09:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67.6	69.1	66.2
1045	11/3/2022	2:09:50 PM	2:10:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	68.2	72.6	62.2
1046	11/3/2022	2:10:00 PM	2:10:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67.1	69.9	62.4
1047	11/3/2022	2:10:10 PM	2:10:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63	66.4	56.9
1048	11/3/2022	2:10:20 PM	2:10:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	54.6	56.9	53
1049	11/3/2022	2:10:30 PM	2:10:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	53.7	54.8	51.7
1050	11/3/2022	2:10:40 PM	2:10:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	52.9	54	52
1051	11/3/2022	2:10:50 PM	2:11:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59.8	65.3	53.1
1052	11/3/2022	2:11:00 PM	2:11:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67.2	72.9	61.4
1053	11/3/2022	2:11:10 PM	2:11:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	59	61.3	57.9
1054	11/3/2022	2:11:20 PM	2:11:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.3	63.2	49.9
1055	11/3/2022	2:11:30 PM	2:11:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	61.2	66.3	49.8
1056	11/3/2022	2:11:40 PM	2:11:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	67.7	68.8	65.9
1057	11/3/2022	2:11:50 PM	2:12:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.6	67.2	59.8
1058	11/3/2022	2:12:00 PM	2:12:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.6	68	56.1
1059	11/3/2022	2:12:10 PM	2:12:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58.5	59.8	55.8
1060	11/3/2022	2:12:20 PM	2:12:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58	59.1	56.9
1061	11/3/2022	2:12:30 PM	2:12:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.2	68.6	55.5
1062	11/3/2022	2:12:40 PM	2:12:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	60.4	61.7	58.2
1063	11/3/2022	2:12:50 PM	2:13:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.4	69.5	55.9
1064	11/3/2022	2:13:00 PM	2:13:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	62.9	69.5	61.4
1065	11/3/2022	2:13:10 PM	2:13:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.4	67.4	60.4
1066	11/3/2022	2:13:20 PM	2:13:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	58	67.1	54.6
1067	11/3/2022	2:13:30 PM	2:13:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.1	69	54.6
1068	11/3/2022	2:13:40 PM	2:13:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	63.5	68.4	61.7
1069	11/3/2022	2:13:50 PM	2:14:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	56.3	61.7	52.8
1070	11/3/2022	2:14:00 PM	2:14:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	66.8	70.6	53.1
1071	11/3/2022	2:14:10 PM	2:14:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	70.8	74.2	67.3
1072	11/3/2022	2:14:20 PM	2:14:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	64.2	69.6	56.2
1073	11/3/2022	2:14:30 PM	2:14:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	51.9	56.2	49.9
1074	11/3/2022	2:14:40 PM	2:14:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	50	52.6	48.6
1075	11/3/2022	2:14:50 PM	2:15:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	55.9	60.7	50.2
1076	11/3/2022	2:15:00 PM	2:15:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	71.1	76.6	60.8
1077	11/3/2022	2:15:10 PM	2:15:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	69.5	77.6	62
1078	11/3/2022	2:15:20 PM	2:15:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	69.5	71.6	62

1079	11/3/2022	2:15:30 PM	2:15:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	69.6	72.6	65.9
1080	11/3/2022	2:15:40 PM	2:15:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	69	73	66
1081	11/3/2022	2:15:50 PM	2:16:00 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	65.9	68.2	63
1082	11/3/2022	2:16:00 PM	2:16:10 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.5	66.4	55.4
1083	11/3/2022	2:16:10 PM	2:16:20 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	52.9	55.6	51.5
1084	11/3/2022	2:16:20 PM	2:16:30 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	53.8	54.8	52.9
1085	11/3/2022	2:16:30 PM	2:16:40 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	57.8	60.3	53.7
1086	11/3/2022	2:16:40 PM	2:16:50 PM	0:00:10	Auto	Low	Mic	Slow	dBA	No	No	17.61mV/F	52.4	54.5	50.7

Leq	65.3
Lmax	77.6
Lmin	48.6

Appendix G-2

Construction Noise Modeling Input and Output

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase at occupied building, per FTA guidance = 80
allowable hours over which Leq is to be averaged (example: 8 per FTA guidance) = 8

Construction Activity	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	*Barrier / Topo Insertion Loss (dB)*	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Demolition	Excavator	1	40	81		1050		54.6	8	480	51
	Concrete Saw	1	20	90		1100		63.2	8	480	56
	Excavator	1	40	81		1200		53.4	8	480	49
	Dozer	1	40	82		1300		53.7	8	480	50
	Excavator	1	40	81		1400		52.1	8	480	48
	Dozer	1	40	82		1500		52.5	8	480	48
							Highest L_{max}:	**63.2**	Total for Demolition Phase:		**59.3**
Site Preparation	Dozer	1	40	82		1050		55.6	8	480	52
	Backhoe	1	40	78		1100		51.2	8	480	47
	Dozer	1	40	82		1200		54.4	8	480	50
	Front End Loader	1	40	79		1300		50.7	8	480	47
	Tractor	1	40	84		1400		55.1	8	480	51
	Dozer	1	40	82		1500		52.5	8	480	48
	Front End Loader	1	40	79		1300		50.7	8	480	47
							Highest L_{max}:	**55.6**	Total for Site Preparation Phase:		**57.8**
Grading	Excavator	1	40	81		1050		54.6	8	480	51
	Grader	1	40	85		1100		58.2	8	480	54
	Dozer	1	40	82		1200		54.4	8	480	50
	Tractor	1	40	84		1300		55.7	8	480	52
	Front End Loader	1	40	79		1400		50.1	8	480	46
	Backhoe	1	40	78		1500		48.5	8	480	44
							Highest L_{max}:	**58.2**	Total for Grading Phase:		**58.5**
Building Construction	Crane	1	16	81		1100		54.2	8	480	46
	Man Lift	1	20	75		1200		47.4	8	480	40
	Welder / Torch	1	40	73		1300		44.7	8	480	41
	Man Lift	1	20	75		1400		46.1	8	480	39
	Generator	1	50	72		1500		42.5	8	480	39
	Tractor	1	40	84		1600		53.9	8	480	50
	Front End Loader	1	40	79		1300		50.7	8	480	47
	Man Lift	1	20	75		1500		45.5	8	480	38
	Backhoe	1	40	78		1200		50.4	8	480	46
	Welder / Torch	1	40	73		1500		43.5	8	480	39
							Highest L_{max}:	**54.2**			**54.6**
Paving	Paver	1	50	77		1050		50.6	8	480	48
	Concrete Mixer Truck	1	40	79		1100		52.2	8	480	48
	Roller	1	20	80		1200		52.4	8	480	45
	Paver	1	50	77		1300		48.7	8	480	46
	Concrete Pump Truck	1	20	81		1400		52.1	8	480	45
	Roller	1	20	80		1500		50.5	8	480	43
							Highest L_{max}:	**52.4**	Total for Paving Phase:		**54.0**
Architectural Coating	Compressor (air)	1	40	78		1100		51.2	8	480	47
							Highest L_{max}:	**51.2**	Total for Architectural Coating Phase:		**47.2**

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase at occupied building, per FTA guidance = **80**

allowable hours over which Leq is to be averaged (example: 8 per FTA guidance) = 8

Construction Activity	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	*Barrier / Topo Insertion Loss (dB)*	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Demolition	Excavator	1	40	81		1300		52.7	8	480	49
	Concrete Saw	1	20	90		1400		61.1	8	480	54
	Excavator	1	40	81		1500		51.5	8	480	47
	Dozer	1	40	82		1600		51.9	8	480	48
	Excavator	1	40	81		1700		50.4	8	480	46
	Dozer	1	40	82		1800		50.9	8	480	47
							Highest L_{max}:	**61.1**	Total for Demolition Phase:		**57.3**
Site Preparation	Dozer	1	40	82		1300		53.7	8	480	50
	Backhoe	1	40	78		1400		49.1	8	480	45
	Dozer	1	40	82		1500		52.5	8	480	48
	Front End Loader	1	40	79		1600		48.9	8	480	45
	Tractor	1	40	84		1700		53.4	8	480	49
	Dozer	1	40	82		1800		50.9	8	480	47
	Front End Loader	1	40	79		1900		47.4	8	480	43
							Highest L_{max}:	**53.7**	Total for Site Preparation Phase:		**55.9**
Grading	Excavator	1	40	81		1300		52.7	8	480	49
	Grader	1	40	85		1400		56.1	8	480	52
	Dozer	1	40	82		1200		54.4	8	480	50
	Tractor	1	40	84		1300		55.7	8	480	52
	Front End Loader	1	40	79		1400		50.1	8	480	46
	Backhoe	1	40	78		1500		48.5	8	480	44
							Highest L_{max}:	**56.1**	Total for Grading Phase:		**57.5**
Building Construction	Crane	1	16	81		1350		52.4	8	480	44
	Man Lift	1	20	75		1400		46.1	8	480	39
	Welder / Torch	1	40	73		1500		43.5	8	480	39
	Man Lift	1	20	75		1600		44.9	8	480	38
	Generator	1	50	72		1700		41.4	8	480	38
	Tractor	1	40	84		1800		52.9	8	480	49
	Front End Loader	1	40	79		1500		49.5	8	480	45
	Man Lift	1	20	75		1600		44.9	8	480	38
	Backhoe	1	40	78		1700		47.4	8	480	43
	Welder / Torch	1	40	73		1400		44.1	8	480	40
							Highest L_{max}:	**52.9**			**53.2**
Paving	Paver	1	50	77		1300		48.7	8	480	46
	Concrete Mixer Truck	1	40	79		1400		50.1	8	480	46
	Roller	1	20	80		1200		52.4	8	480	45
	Paver	1	50	77		1300		48.7	8	480	46
	Concrete Pump Truck	1	20	81		1400		52.1	8	480	45
	Roller	1	20	80		1500		50.5	8	480	43
							Highest L_{max}:	**52.4**	Total for Paving Phase:		**53.1**
Architectural Coating	Compressor (air)	1	40	78		1350		49.4	8	480	45
							Highest L_{max}:	**49.4**	Total for Architectural Coating Phase:		**45.4**

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase at occupied building, per FTA guidance = **80**

allowable hours over which Leq is to be averaged (example: 8 per FTA guidance) = 8

Construction Activity	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	*Barrier / Topo Insertion Loss (dB)*	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Demolition	Excavator	1	40	81		1600		50.9	8	480	47
	Concrete Saw	1	20	90		1700		59.4	8	480	52
	Excavator	1	40	81		1800		49.9	8	480	46
	Dozer	1	40	82		1900		50.4	8	480	46
	Excavator	1	40	81		2000		49.0	8	480	45
	Dozer	1	40	82		2100		49.5	8	480	46
							Highest L_{max}:	**59.4**	Total for Demolition Phase:		**55.7**
Site Preparation	Dozer	1	40	82		1600		51.9	8	480	48
	Backhoe	1	40	78		1700		47.4	8	480	43
	Dozer	1	40	82		1800		50.9	8	480	47
	Front End Loader	1	40	79		1900		47.4	8	480	43
	Tractor	1	40	84		2000		52.0	8	480	48
	Dozer	1	40	82		2100		49.5	8	480	46
	Front End Loader	1	40	79		2200		46.1	8	480	42
							Highest L_{max}:	**52.0**	Total for Site Preparation Phase:		**54.3**
Grading	Excavator	1	40	81		1600		50.9	8	480	47
	Grader	1	40	85		1700		54.4	8	480	50
	Dozer	1	40	82		1500		52.5	8	480	48
	Tractor	1	40	84		1600		53.9	8	480	50
	Front End Loader	1	40	79		1700		48.4	8	480	44
	Backhoe	1	40	78		1800		46.9	8	480	43
							Highest L_{max}:	**54.4**	Total for Grading Phase:		**55.7**
Building Construction	Crane	1	16	81		1650		50.6	8	480	43
	Man Lift	1	20	75		1700		44.4	8	480	37
	Welder / Torch	1	40	73		1800		41.9	8	480	38
	Man Lift	1	20	75		1900		43.4	8	480	36
	Generator	1	50	72		2000		40.0	8	480	37
	Tractor	1	40	84		2100		51.5	8	480	48
	Front End Loader	1	40	79		1800		47.9	8	480	44
	Man Lift	1	20	75		1900		43.4	8	480	36
	Backhoe	1	40	78		2000		46.0	8	480	42
	Welder / Torch	1	40	73		1700		42.4	8	480	38
							Highest L_{max}:	**51.5**			**51.7**
Paving	Paver	1	50	77		1600		46.9	8	480	44
	Concrete Mixer Truck	1	40	79		1700		48.4	8	480	44
	Roller	1	20	80		1500		50.5	8	480	43
	Paver	1	50	77		1600		46.9	8	480	44
	Concrete Pump Truck	1	20	81		1700		50.4	8	480	43
	Roller	1	20	80		1800		48.9	8	480	42
							Highest L_{max}:	**50.5**	Total for Paving Phase:		**51.3**
Architectural Coating	Compressor (air)	1	40	78		1650		47.6	8	480	44
							Highest L_{max}:	**47.6**	Total for Architectural Coating Phase:		**43.7**

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase at occupied building, per FTA guidance = **80**

allowable hours over which Leq is to be averaged (example: 8 per FTA guidance) = 8

Construction Activity	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	*Barrier / Topo Insertion Loss (dB)*	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Demolition	Excavator	1	40	81		1650		50.6	8	480	47
	Concrete Saw	1	20	90		1700		59.4	8	480	52
	Excavator	1	40	81		1800		49.9	8	480	46
	Dozer	1	40	82		1900		50.4	8	480	46
	Excavator	1	40	81		2000		49.0	8	480	45
	Dozer	1	40	82		2100		49.5	8	480	46
							Highest L_{max}:	**59.4**	Total for Demolition Phase:		**55.7**
Site Preparation	Dozer	1	40	82		1650		51.6	8	480	48
	Backhoe	1	40	78		1700		47.4	8	480	43
	Dozer	1	40	82		1800		50.9	8	480	47
	Front End Loader	1	40	79		1900		47.4	8	480	43
	Tractor	1	40	84		2000		52.0	8	480	48
	Dozer	1	40	82		2100		49.5	8	480	46
	Front End Loader	1	40	79		2200		46.1	8	480	42
							Highest L_{max}:	**52.0**	Total for Site Preparation Phase:		**54.3**
Grading	Excavator	1	40	81		1650		50.6	8	480	47
	Grader	1	40	85		1700		54.4	8	480	50
	Dozer	1	40	82		1500		52.5	8	480	48
	Tractor	1	40	84		1600		53.9	8	480	50
	Front End Loader	1	40	79		1700		48.4	8	480	44
	Backhoe	1	40	78		1800		46.9	8	480	43
							Highest L_{max}:	**54.4**	Total for Grading Phase:		**55.7**
Building Construction	Crane	1	16	81		1700		50.4	8	480	42
	Man Lift	1	20	75		1800		43.9	8	480	37
	Welder / Torch	1	40	73		1900		41.4	8	480	37
	Man Lift	1	20	75		2000		43.0	8	480	36
	Generator	1	50	72		2100		39.5	8	480	37
	Tractor	1	40	84		1800		52.9	8	480	49
	Front End Loader	1	40	79		1900		47.4	8	480	43
	Man Lift	1	20	75		2000		43.0	8	480	36
	Backhoe	1	40	78		1700		47.4	8	480	43
	Welder / Torch	1	40	73		1900		41.4	8	480	37
							Highest L_{max}:	**52.9**			**52.2**
Paving	Paver	1	50	77		1650		46.6	8	480	44
	Concrete Mixer Truck	1	40	79		1700		48.4	8	480	44
	Roller	1	20	80		1500		50.5	8	480	43
	Paver	1	50	77		1600		46.9	8	480	44
	Concrete Pump Truck	1	20	81		1700		50.4	8	480	43
	Roller	1	20	80		1800		48.9	8	480	42
							Highest L_{max}:	**50.5**	Total for Paving Phase:		**51.3**
Architectural Coating	Compressor (air)	1	40	78		1700		47.4	8	480	43
							Highest L_{max}:	**47.4**	Total for Architectural Coating Phase:		**43.4**

Appendix G-3

Equipment Specifications and Noise Calculations

MECHANICAL EQUIPMENT NOISE LEVEL

Input:

Equipment Locations / Source Noise Data

Site	X	Y	Elev. At Roof or Ground	Source Height	LwA Single Source	Number of	Sound Level at 50 feet Total	Equip. Location Site / Number
Bldg SW C	1665.5	718.0	36.5	3	80	1	48	W Corner H York ZF-048
Bldg SW C	1691.0	718.0	36.5	3	80	1	48	W Corner H York ZF-048

Frequency (in Hz) 500

Receivers at P.L. and Vicinity				Applicable Standard	Building Elevation	Roof Elevation
R1	560.1	877.0	0	55	0	36.5
R2	404.4	1324.1	0	55		
R3	32.8	1233.6	0	55		
R4	2951.0	2455.6	0	55		

Output:

Location: R1 560.1 877.0 0 Applicable Standard 55

Source Coordinates				Receiver Coordinates		Location-Equipment	Leq (h) at 50' (dBA)	Receiver Elevation (feet)	Source Elevation (feet)	Source to Receiver (feet)	Source to Barrier (feet)	Receiver to Barrier (feet)	Barrier (base) (feet)	Barrier Height (feet)	Fresnel No. at 500 Hz	Barrier Attenuation (dBA)	Leq w/o Barrier (dBA)	Leq w/Barrier (dBA)
Equip Site	X	Y	Z	X	Y													
Bldg SW C	1665.5184	718	36.5	560.1256	876.9736	York ZF-048	48	5	39.5	1,117	24	1,093	36.5	2.8	0.01	5	21	16
Bldg SW C	1691.004	718	36.5	560.1256	876.9736	York ZF-048	48	5	39.5	1,142	48	1,094	36.5	2.8	0.02	5	21	16
																TOTAL Leq	24	19
																	Without Barrier	With Barrier/ Parapet

MECHANICAL EQUIPMENT NOISE LEVEL

Input:

Equipment Locations / Source Noise Data

Site	X	Y	Elev. At Roof or Ground	Source Height	LwA Single Source	Number of	Sound Level at 50 feet Total	Equip. Location Site / Number
Bldg SW C	1665.5	718.0	36.5	3	80	1	48	W Corner H York ZF-048
Bldg SW C	1691.0	718.0	36.5	3	80	1	48	W Corner H York ZF-048

Frequency (in Hz) 500

Receivers at P.L. and Vicinity			Applicable Standard	Building Elevation	Roof Elevation
R1	560.1	877.0	55	0	36.5
R2	404.4	1324.1	55		
R3	32.8	1233.6	55		
R4	2951.0	2455.6	55		

Output: Location: R2 404.4 1324.1 0 Applicable Standard 55

Source Coordinates				Receiver Coordinates		Location-Equipment	Leq (h) at 50' (dBA)	Receiver Elevation (feet)	Source Elevation (feet)	Source to Receiver (feet)	Source to Barrier (feet)	Receiver to Barrier (feet)	Barrier (base) (feet)	Barrier Height (feet)	Fresnel No. at 500 Hz	Barrier Attenuation (dBA)	Leq w/o Barrier (dBA)	Leq w/Barrier (dBA)
Equip Site	X	Y	Z	X	Y													
Bldg SW C	1665.5184	718	36.5	404.424	1324.136	York ZF-048	48	5	39.5	1,399	26	1,373	36.5	2.8	0.00	5	19	15
Bldg SW C	1691.004	718	36.5	404.424	1324.136	York ZF-048	48	5	39.5	1,422	50	1,372	36.5	2.8	0.01	5	19	14
																TOTAL Leq	22	17
																	Without Barrier	With Barrier/ Parapet

MECHANICAL EQUIPMENT NOISE LEVEL

Input:

Equipment Locations / Source Noise Data

Site	X	Y	Elev. At Roof or Ground	Source Height	LwA Single Source	Number of	Sound Level at 50 feet Total	Equip. Location Site / Number
Bldg SW C	1665.5	718.0	36.5	3	80	1	48	W Corner H York ZF-048
Bldg SW C	1691.0	718.0	36.5	3	80	1	48	W Corner H York ZF-048

Frequency (in Hz) 500

Receivers at P.L. and Vicinity			Applicable Standard	Building Elevation	Roof Elevation
R1	560.1	877.0	0 55	0	36.5
R2	404.4	1324.1	0 55		
R3	32.8	1233.6	0 55		
R4	2951.0	2455.6	0 55		

Output:

Location: R3 32.8 1233.6 0 Applicable Standard 55

Source Coordinates				Receiver Coordinates		Location-Equipment	Leq (h) at 50' (dBA)	Receiver Elevation (feet)	Source Elevation (feet)	Source to Receiver (feet)	Source to Barrier (feet)	Receiver to Barrier (feet)	Barrier (base) (feet)	Barrier Height (feet)	Fresnel No. at 500 Hz	Barrier Attenuation (dBA)	Leq w/o Barrier (dBA)	Leq w/Barrier (dBA)
Equip Site	X	Y	Z	X	Y													
Bldg SW C	1665.5184	718	36.5	32.8	1233.5752	York ZF-048	48	5	39.5	1,712	25	1,687	36.5	2.8	0.00	5	18	13
Bldg SW C	1691.004	718	36.5	32.8	1233.5752	York ZF-048	48	5	39.5	1,737	49	1,688	36.5	2.8	0.01	5	18	13
																TOTAL Leq	21	16
																	Without Barrier	With Barrier/ Parapet

MECHANICAL EQUIPMENT NOISE LEVEL

Input:

Equipment Locations / Source Noise Data

Site	X	Y	Elev. At Roof or Ground	Source Height	LwA Single Source	Number of I	Sound Level at 50 feet Total	Equip. Location Site / Number	Frequency (in Hz)	500
Bldg SW Cc	1665.5	718.0	36.5	3	80	1	48	W Corner H York ZF-048		
Bldg SW Cc	1691.0	718.0	36.5	3	80	1	48	W Corner H York ZF-048		

Receivers at P.L. and Vicinity			Building Elevation	Roof Elevation	Applicable Standard
			0	36.5	
R1	560.1	877.0	0		45
R2	404.4	1324.1	0		45
R3	32.8	1233.6	0		45
R4	2951.0	2455.6	0		45

Output:

				Location:				Applicable Standard									
				R4		2951.0	2455.6	0		45							
Source Coordinates				Receiver Coordinates		Location-Equipment	Leq (h) at 50' (dBA)	Receiver Elevation (feet)	Source Elevation (feet)	Source to Receiver (feet)	Source to Barrier (feet)	Receiver to Barrier (feet)	Barrier (base) (feet)	Barrier Height (feet)	Fresnel No. at 500 Hz	Barrier Attenuation (dBA)	Leq w/o Barrier (dBA)	Leq w/Barrier (dBA)
Equip Site	X	Y	Z	X	Y													
Bldg SW Cc	1665.5184	718	36.5	2950.9504	2455.6048	York ZF-048	48	5	39.5	2,161	350	1,811	36.5	2.8	0.04	6	16	10
Bldg SW Cc	1691.004	718	36.5	2950.9504	2455.6048	York ZF-048	48	5	39.5	2,146	350	1,796	36.5	2.8	0.04	6	16	10
																TOTAL Leq	19	13
																	Without Barrier	With Barrier/ Parapet

Truck Loading Dock Activities Noise

Ref: 96 dBA at 3.3 feet (Baltrënas, P., D. Kazlauskas, and E. Petraitis. 2004. “Testing on Noise Level Prevailing at Motor Vehicle Parking Lots and Numeral Simulation of its Dispersion.” Journal of Environmental Engineering and Landscape Management 12(2): 63-70.0

Receiver/ Location	Distance	Noise Level w/o Shielding	Noise Level w/ Shielding
R1	1350	43.8	24.0
R2	1600	42.3	22.6
R3	1950	40.6	20.9
R4	1920	40.7	15.9

Parking Lot Activities Noise

Ref: 47 dBA at 3.3 feet (Baltrënas, P., D. Kazlauskas, and E. Petraitis. 2004. “Testing on Noise Level Prevailing at Motor Vehicle Parking Lots and Numeral Simulation of its Dispersion.” Journal of Environmental Engineering and Landscape Management 12(2): 63-70.0

Receiver/ Location	Distance	Noise Level w/o Shielding	Noise Level w/ Shielding
R1	1150	21.6	13.7
R2	1400	20.7	0.6
R3	1750	19.8	-0.3
R4	1950	19.3	-0.7

TECHNICAL GUIDE

R-410A
ZE/ZF/ZR/XN/XP SERIES
3 - 6 TON
60 Hertz



Description

YORK® ZE/ZF/ZR/XN/XP Series units are convertible single package high efficiency rooftops with a common roof curb for the 3, 4, 5 and 6 Ton sizes (ZE, ZR, XN, XP not available in 6 Ton). Although the units are primarily designed for curb mounting on a roof, they can also be slab-mounted at ground level or set on steel beams above a finished roof.

All ZE/ZF/ZR/XN/XP Series units are self-contained and assembled on rigid full perimeter base rails allowing for overhead rigging. Every unit is completely charged, wired, piped and tested at the factory to provide a quick and easy field installation.

All models (including those with an economizer) are convertible between bottom and horizontal duct connections.

ZE/ZF/ZR Series units are available in the following configurations: cooling only, cooling with electric heat, and cooling with one or two stage gas heat. Electric heaters are available as factory-installed option or field installed accessory.

XN/XP Series units are available in the following configurations: cooling and heating only and cooling and heating with electric heat.

Tested in accordance with:

DESIGN CERTIFIED

C SA US

CERTIFIED

AHRI CERTIFIED www.ahridirectory.org Unitary Small AC AHRI Standard 210/240

AHRI CERTIFIED www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

FOR DISTRIBUTION USE ONLY - NOT TO BE USED AT POINT OF RETAIL SALE

Sound Performance

ZF/ZR/XP Indoor Sound Power Levels

Size (Tons)	CFM	ESP (IWG)	Blower		Sound Power, dB (10^{-12}) Watts							
					Sound Rating[1] dB (A)	Octave Band Centerline Frequency (Hz)						
			RPM	BHP		63	125	250	500	1000	2000	4000	8000
036 (3.0)	1200	0.2	630	0.41	63	82	77	59	50	43	42	40	45
048 (4.0)	1600	0.2	791	0.54	72	95	84	58	54	46	44	45	44
060 (5.0)	2000	0.2	840	0.67	62	84	71	58	53	50	49	49	49
072 (6.0)	2200	0.3	920	1.45	76	61	71	68	67	72	66	61	54

1. These values have been accessed using a model of sound propagation from a point source into the hemispheric/free field. The dBA values provided are to be used for reference only. Calculation of dBA values cover matters of system design and the fan manufacture has no way of knowing the details of each system. This constitutes an exception to any specification or guarantee requiring a dBA value of sound data in any other form than sound power level ratings.

ZE/ZF/ZR Outdoor Sound Power Levels

Size (Tons)	Sound Rating[1] dB (A)	Octave Band Centerline Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
036 (3.0)	81	87.5	86.0	81.0	77.0	75.0	69.5	65.5	70.5
048 (4.0)	80	84.5	81.0	80.0	78.0	75.0	70.0	67.0	70.5
060 (5.0)	82	86.5	87.5	81.5	77.5	75.0	71.5	68.0	70.5
072 (6.0)	83	-	84.0	85.0	79.0	80.0	72.0	67.5	62.5

1. Rated in accordance with AHRI 270 standard.

XN/XP Outdoor Sound Power Levels

Size (Tons)	Sound Rating[1] dB (A)	Octave Band Centerline Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
036 (3.0)	76	83.5	84.5	76.5	72.0	68.0	66.0	60.0	56.0
048 (4.0)	80	85.0	83.0	81.0	77.5	75.5	71.5	67.5	61.5
060 (5.0)	80	86.0	84.0	81.0	77.0	75.5	71.0	66.5	60.5

1. Rated in accordance with AHRI 270 standard.

Appendix H-1

VMT Scoping Form and VMT Analysis,
Urban Crossroads Inc.

VMT Analysis Project Scoping Form

This scoping form shall be submitted to the City of Rialto to assist in identifying infrastructure improvements that may be required to support traffic from the proposed project.

Project Identification:

Case Number:	
Related Cases:	
SP No.	
EIR No.	
GPA No.	
CZ No.	
Project Name:	Alice and Willow Warehouse
Project Address:	Southeast corner of Willow Avenue and Valley Boulevard, City of Rialto
Project Opening Year:	2024
Project Description:	The project would construct a 138,350 square feet warehouse, including 3,000 square feet of office and 3,000 square feet of mezzanine. Attachments: Site Plan, Trip Generation table, Project Trip Distribution and Assignment figures and SBCTA VMT Summary.

	Consultant:	**Developer:**
Name:	Sabita Tewani, AICP,PTP, Dudek	Kevin Rice
Address:	605 Third Street Encinitas CA 92024	Patriot Partners Development
Telephone:	760-479-4109	858-952-4134
Fax/Email:	stewani@dudek.com	kevin@patriotdevelopmentpartners.com

Trip Generation Information:

Trip Generation Data Source: ITE Trip Generation Manual 11th Edition, 2021

Current General Plan Land Use: Freeway Commercial

Proposed General Plan Land Use: Freeway Commercial

Current Zoning: Gateway Specific Plan

Proposed Zoning: Gateway Specific Plan

	Existing Trip Generation			Proposed Trip Generation		
	In	Out	Total	In	Out	Total
AM Trips	0	0	0	19	5	24
PM Trips	0	0	0	24	7	31

SBTAM

Trip Internalization: ☐ Yes ☑ No (_____% Trip Discount)

Pass-By Allowance: ☐ Yes ☑ No (_____% Trip Discount)

Potential Screening Checks

Is the project screened from VMT assessment? ☐ Yes ☑ No

VMT screening justification

The project would not screen out from VMT assessment (see attached SBCTA VMT Screening Summary). A project-specific model run using the SBTAM Travel Demand Model will be conducted and the results will be provided in the project's EIR.

VMT Scoping

For projects that are not screened, identify the following:

- Travel Demand Forecasting Model Used SBTAM
- Attach SBCTA Screening VMT Assessment output or describe why it is not appropriate for use See attached VMT Screening Summary
- Attach proposed Model Land Use Inputs and Assumed Conversion Factors (attach)

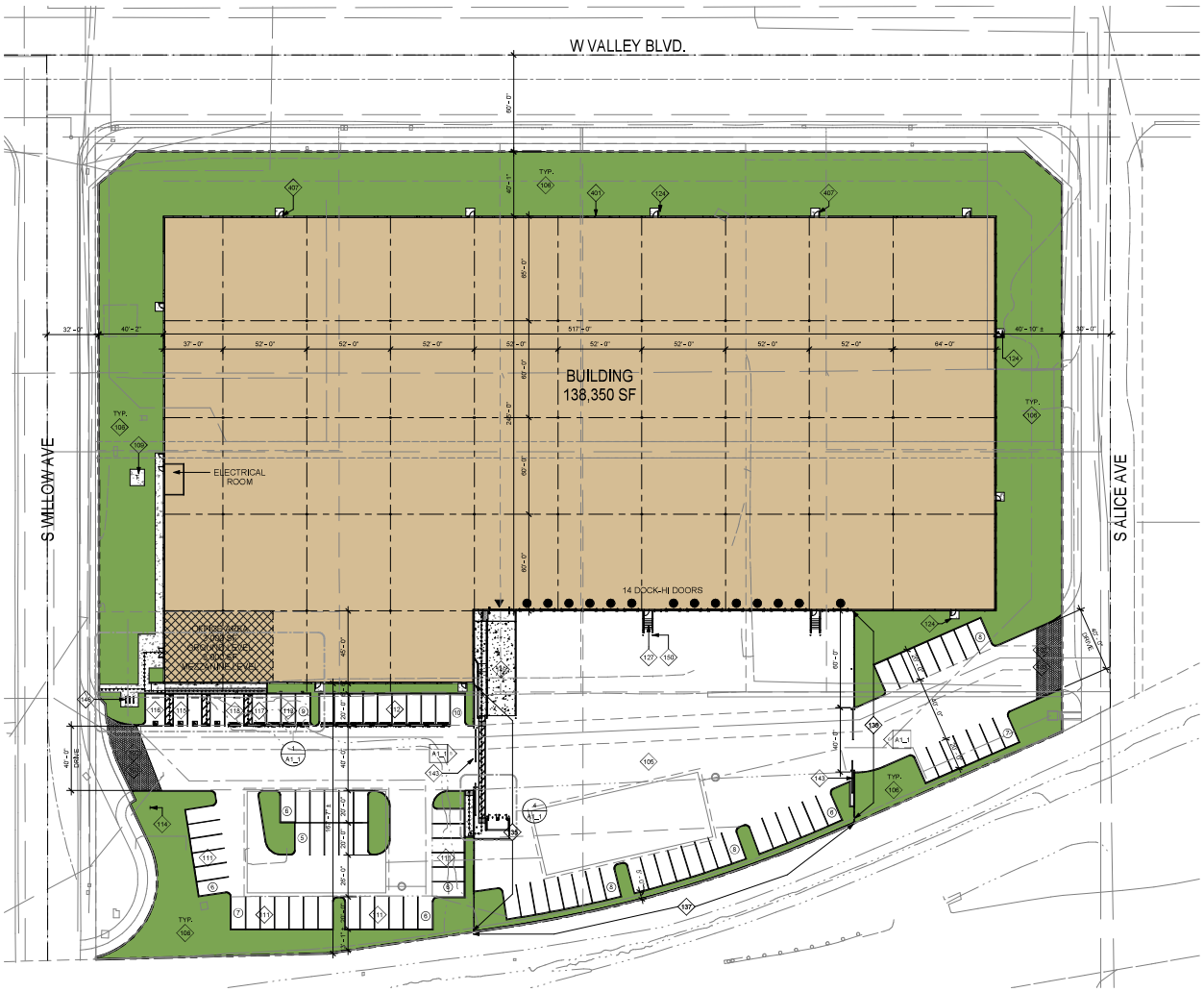
Using the SCAG employment density factor of 1,195 square feet per employee for warehousing use in the San Bernardino County (Table II-B), approximately 116 employees are estimated as the proposed model input.
Production Attraction (PA) Home based Work VMT per employee will be used for the analysis and impact determination for this single-land use project.

Approved by:

Public Works Department Date

NOTE:

The Applicant/Engineer acknowledges that the Scoping Agreement is intended to assist in the preparation of any required TIA. It is preliminary in nature and the City does not have sufficient data to determine the ultimate conditions that may be imposed for the project. It does not provide nor limit the requirements imposed on the Project but is intended only to provide initial input into the parameters for review of the traffic generated by the Project and the initial areas to be considered and studied. Subsequent changes to scope of required analysis to be included in the TIA may be required by the Transportation Commission, Planning Commission, and/or the City Council upon Public Works Director/City Engineer review and approval



1 PROPOSED SITE PLAN
1" = 30'-0"

DEVELOPER/OWNER

ADDRESS: PATRIOT PARTNERS
12126 W. SUNSET BLVD.
LOS ANGELES, CA 90049
CONTACT: KEVIN RICE
PHONE: 858.952.4134
EMAIL: KEVIN @ PATRIOTDEVELOPMENT PARTNERS.COM

APPLICANT'S REPRESENTATIVE/ARCHITECT

HERDMAN ARCHITECTURE & DESIGN, INC.
103 BAYVIEW CIRCLE SUITE 100
NEWPORT BEACH, CA 92660
CONTACT: BRIDGET HERDMAN
PHONE: 714.369.2800
EMAIL: PROJECTADMIN@HERDMAN-AD.COM

SCOPE OF WORK

CONSTRUCT NEW ONE STORY + MEZZANINE CONCRETE TILT-UP WAREHOUSE/DISTRIBUTION FACILITY WITH ELECTRICAL AND PLUMBING SERVICES, EXTERIOR LIGHTING, LANDCAPING & IRRIGATION, TRASH ENCLOSURES, CONCRETE SCREEN WALLS, AND SLIDING/SWINGING METAL GATES. FIRE SPRINKLER AND GRADING PLANS TO BE A SEPARATE SUBMITTAL AND PERMIT

LEGAL DESCRIPTION & ZONING

LEGAL DESCRIPTION: SEE CIVIL PLAN

ASSESSOR'S PARCEL NO: SEE CIVIL PLAN

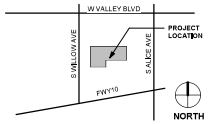
SPECIFIC PLAN LEGEND: INDUSTRIAL PARK

ZONING: BUSINESS PARK

SHEET INDEX

A0	COVER SHEET
A1	SITE PLAN
A1_1	ENLARGED SITE PLANS
A2	GROUND LEVEL FLOOR PLANS
A3	ROOF PLAN
A4	EXTERIOR ELEVATIONS
A5	MATERIAL BOARD
A6	AERIAL IMAGE OF THE SITE
A7	SITE PHOTO
C1	CONCEPTUAL GRADING, DRAINAGE AND UTILITY PLAN
C2	TENTATIVE PARCEL MAP
L1	CONCEPTUAL LANDSCAPE PLAN

VICINITY MAP



SITE PLAN GENERAL NOTES

1. THE SITE PLAN SHALL MEET ALL ENGINEERING & NPDES REQUIREMENTS.
2. GENERAL CONTRACTOR TO REVIEW THE SOILS REPORT AND ALL AMENDMENTS LISTED ON THE TITLE SHEET AND FOLLOW ALL RECOMMENDATIONS.
3. U.O.N., ALL DIMENSIONS TO CONCRETE WALLS AND CURBS ARE EITHER TO THE CENTER (SHOWN WITH A CENTERLINE) OR FACE OF THE WALL OR CURB. ALL DIMENSIONS TO FRAMED WALLS ARE EITHER TO THE CENTER LINE OF THE WALL FRAMING (SHOWN WITH A CENTERLINE) OR THE FACE OF THE WALL FINISH.
4. REFER TO CIVIL AND MEP PLANS TO CONFIRM UTILITY INFORMATION SHOWN ON THE ARCHITECT'S SITE PLAN AND FOR ADDITIONAL UTILITY INFORMATION. GENERAL CONTRACTOR TO COORDINATE ALL POINTS OF CONNECTION.
5. REFER TO CIVIL DRAWINGS FOR ALL FINISHED GRADES AND SLOPES. ALL FINISHED GRADES TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING. GENERAL CONTRACTOR TO FIELD VERIFY.
6. ALL ACCESSIBLE ROUTES IDENTIFIED ON THE SITE PLAN DRAWINGS SHALL CONFORM TO THE FOLLOWING:
   a) SLOPES IN THE DIRECTION OF TRAVEL DO NOT EXCEED 5%, CROSS SLOPES DO NOT EXCEED 2%.
   b) THE CLEAR WIDTH OF ALL WALKWAYS IS 4'-0" MIN.
   c) CHANGES IN LEVEL UP TO 1/2" COMPLY w/ 11A/D.2.1. CHANGES IN LEVEL GREATER THAN 1/2" IF THEY OCCUR ARE RAMPED, SEE PLANS.
   d) THE VERTICAL CLEARANCE ALONG THE ACCESSIBLE ROUTE IS 80" MIN.
7. ALL PAVED AND LANDSCAPED AREAS TO BE BOUND BY A MIN. 6" HIGH, 6" WIDE CONCRETE CURB U.O.N.
8. A CONCRETE MOW-STRIP EXTENDING 12" BEYOND EA END OF THE OPENING SHALL BE PROVIDED @ ALL EXTERIOR GLAZING WHERE THE SILL IS WITHIN 3' VERTICAL OF THE FINISHED GRADE, SEE 3/AD1.1
9. PROVIDE FIRE BOLLARD PROTECTION POSTS AS REQUIRED BY UTILITY COMPANIES AND OR FIRE AUTHORITIES AT ALL EXTERIOR ELECTRICAL EQUIPMENT AND FIRE PREVENTION DEVICES. IF PIPE BOLLARD PROTECTION POST DETAILS ARE NOT PROVIDED BY UTILITY COMPANIES AND OR FIRE AUTHORITY SEE DETAIL 3/AD1.1
10. ALL EXPOSED BIORETENSION DEVICE COVERINGS SHALL BE PAINTED FOREST GREEN.
11. WHERE OCCURS, GENERAL CONTRACTOR TO PROVIDE FLUID APPLIED DAMP PROOFING AT ALL RETAINING AND PLANTER WALLS WHERE THE SIDE OF THE WALL OPPOSITE THE SOIL SIDE IS EXPOSED TO VIEW AND ALL EXTERIOR WALLS WHERE THE ADJACENT FLOOR SLAB IS BELOW GRADE. SEE 8/AD1.2
12. PROVIDE A HOSE BIB NEAR THE MAIN ENTRANCE AND IN THE TRASH ENCLOSURE. SEE PLAN FOR LOCATION.

KEYNOTES

102	PROPOSED DRIVEWAY. PER JURISDICTIONAL STANDARDS.
103	DECORATIVE PAVING. SEE LANDSCAPING DRAWINGS FOR ADDITIONAL INFORMATION.
105	CONCRETE PAVING.
106	@ SHADING. PROPOSED LANDSCAPING. SEE LANDSCAPE PLANS.
109	(N) TRANSFORMER LOCATION.
111	TYP U.O.N., STANDARD PARKING STALL. 9'-0" WIDE x 20'-0" DEEP
112	CLEAN AIR VEHICLE PARKING STALL. MATCH STANDARD STALL SIZE
113	FUTURE EV CHARGING ONLY PARKING STALL. MATCH STANDARD STALL DEPTH. PROVIDE FOR FUTURE INSTALLATION OF CHARGING EQUIPMENT.
114	ACCESSIBLE SITE ENTRANCE SIGN.
115	STANDARD ACCESSIBLE PARKING STALL. 9'-0" WIDE x DEPTH OF STANDARD STALL.
116	VAN ACCESSIBLE PARKING STALL. 12'-0" WIDE x DEPTH OF STANDARD STALL
117	FUTURE STANDARD ACCESSIBLE EV CHARGING ONLY PARKING STALL. 9'-0" WIDE x DEPTH OF STANDARD STALL. PROVIDE FOR FUTURE INSTALLATION OF CHARGING EQUIPMENT.
118	FUTURE VAN ACCESSIBLE EV CHARGING ONLY PARKING STALL. 12'-0" WIDE x DEPTH OF STANDARD STALL. PROVIDE FOR FUTURE INSTALLATION OF CHARGING EQUIPMENT.
124	EXERIOR CONCRETE LANDING.
127	DO NOT USE
135	CONCRETE TILT-UP SCREEN WALL. MIN HEIGHT 8'ABOVE HIGHEST ADJACENT FINISHED GRADE. PAINT BOTH SIDES AND TOP OF WALL. SEE PLANS FOR COLOR SCHEDULE.
137	TUBE STEEL FENCE. MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE.
143	PAINTED STEEL ROLLING GATE(S). MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE OR AS SHOWN ON EXTERIOR ELEVATIONS. PROVIDE KNOX BOX AS REQUIRED BY FIRE AUTHORITY.
146	2 POSITION BIKE RACK.
149	CONCRETE TRUCK RAMP w/ 42" HIGH CONCRETE TILT-UP GUARD ON OPEN SIDE(S). PAINT ALL SIDES OF GUARD WALLS AND HANDRAILS.SEE ARCHITECTURAL DRAWINGS FOR COLOR SCHEDULE.
150	STEEL PIPE BOLLARD PROTECTION POST.
401	PAINTED CONCRETE TILT-UP WALL PANEL.
407	PAINTED HOLLOW METAL PEDESTRIAN DOOR.

LOT AREA

SQUARE FOOTAGE	ACRES
NET	
269733 SF	6.19

FLOOR AREA RATIO

BUILDING AREA	SITE AREA	FAR ALLOWABLE	FAR PROVIDED
138350 SF			51.3%

BUILDING AREA SUMMARY

NAME	AREA
GROUND FLOOR	
WAREHOUSE	132350 SF
OFFICE	3000 SF
	135350 SF
MEZZANINE	
OFFICE	3000 SF
	3000 SF
GROUND LEVEL + MEZZANINE	
WAREHOUSE	132350 SF
OFFICE	6000 SF
TOTAL BUILDING AREA	138350 SF

LANDSCAPE AREA SUMMARY

LOT AREA	% LANDSCAPING REQUIRED	AREA LANDSCAPING PROVIDED	% LANDSCAPING PROVIDED
269758 SF	10%	62487 SF	23.2%

TOTAL PARKING REQUIRED

BUILDING USE	BUILDING AREA	PARKING RATIO 1/X	REQ. PARKING
OFFICE	3000 SF	250	12
OFFICE	3000 SF	500	6
WAREHOUSE	10000 SF	1000	10
WAREHOUSE	122350 SF	2000	62
TOTAL	138350 SF		90

REQUIRED PARKING BREAKDOWN

SPACE TYPE	SPACES REQUIRED
STANDARD STALLS	72
STANDARD ACCESSIBLE STALLS	3
VAN ACCESSIBLE STALLS	1
CLEAN AIR STALLS	5
FUTURE EV CHARGING ONLY STALLS	7
FUTURE EV CHARGING ONLY STANDARD ACCESSIBLE STALLS	1
FUTURE EV CHARGING ONLY VAN ACCESSIBLE STALLS	1
TOTAL	90

PARKING PROVIDED

SPACE TYPE	SPACES PROVIDED
STANDARD STALLS	74
STANDARD ACCESSIBLE STALLS	3
VAN ACCESSIBLE STALLS	1
CLEAN AIR STALLS	5
FUTURE EV CHARGING ONLY STALLS	7
FUTURE EV CHARGING ONLY STANDARD ACCESSIBLE STALLS	1
FUTURE EV CHARGING ONLY VAN ACCESSIBLE STALLS	1
TOTAL	92

SITE LEGEND

- LANDSCAPE AREA
- CONCRETE PAVING. SEE CIVIL DRAWINGS FOR PAVING SECTIONS
- FIRE HYDRANT. PROVIDE PIPE BOLLARD PROTECTION POSTS AS REQUIRED BY THE FIRE AUTHORITY. SEE 3/AD1.1
- STREET LIGHT
- INDICATES AN ACCESSIBLE ROUTE. MUST COMPLY w/ SITE PLAN GENERAL NOTE #6
- PROPERTY LINE
- DOCK HIGH DOOR
- DRIVE THRU. DOOR

PROJECT
PATRIOT PARTNERS - ALICE AVE
RIALTO, CA
1st PLANNING SUBMITTAL

HERDMAN
ARCHITECTURE + DESIGN

A21-2283
08.16.2022

SITE PLAN

NORTH

A1

8/16/2022 3:49:26 PM

Project Trip Generation for Alice and Willow Warehouse, Rialto

Land Use	ITE Code	Size/Units	Daily	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
TRIP RATES [1]									
Warehousing	150	TSF	1.71	0.13	0.04	0.17	0.05	0.13	0.18
Warehousing (Truck)	150	TSF							
Office	710	TSF	10.84	1.34	0.18	1.52	0.24	1.20	1.44
TRIP GENERATION									
Alice and Willow Warehouse	150	138.350 TSF	237	19	5	24	7	18	25
PROJECT TRIP GENERATION									
Vehicle Mix[2]		**Percent**[2]							
Passenger Vehicles		60.0%	142	11	3	14	4	11	15
Trucks		40.0%	95	8	2	10	3	7	10
2-Axle Trucks		*0.8%*	*2*	*0*	*0*	*0*	*0*	*0*	*0*
3-Axle Trucks		*11.2%*	*27*	*2*	*1*	*3*	*1*	*2*	*3*
4+-Axle Trucks		*28.0%*	*66*	*6*	*1*	*7*	*2*	*5*	*7*
Project Trip Generation Non-PCE			***237***	***19***	***5***	***24***	***7***	***18***	***25***
		PCE Factor[3]							
Passenger Vehicles		1.0	142	11	3	14	4	11	15
2-Axle Trucks		1.5	3	0	0	0	0	0	0
3-Axle Trucks		2.0	54	4	2	6	2	4	6
4+-Axle Trucks		3.0	199	18	3	21	6	15	21
Project Trip Generation W/PCE			***398***	***33***	***8***	***41***	***12***	***30***	***42***

Notes: TSF = Thousand Square Feet; PCE = Passenger Car Equivalent

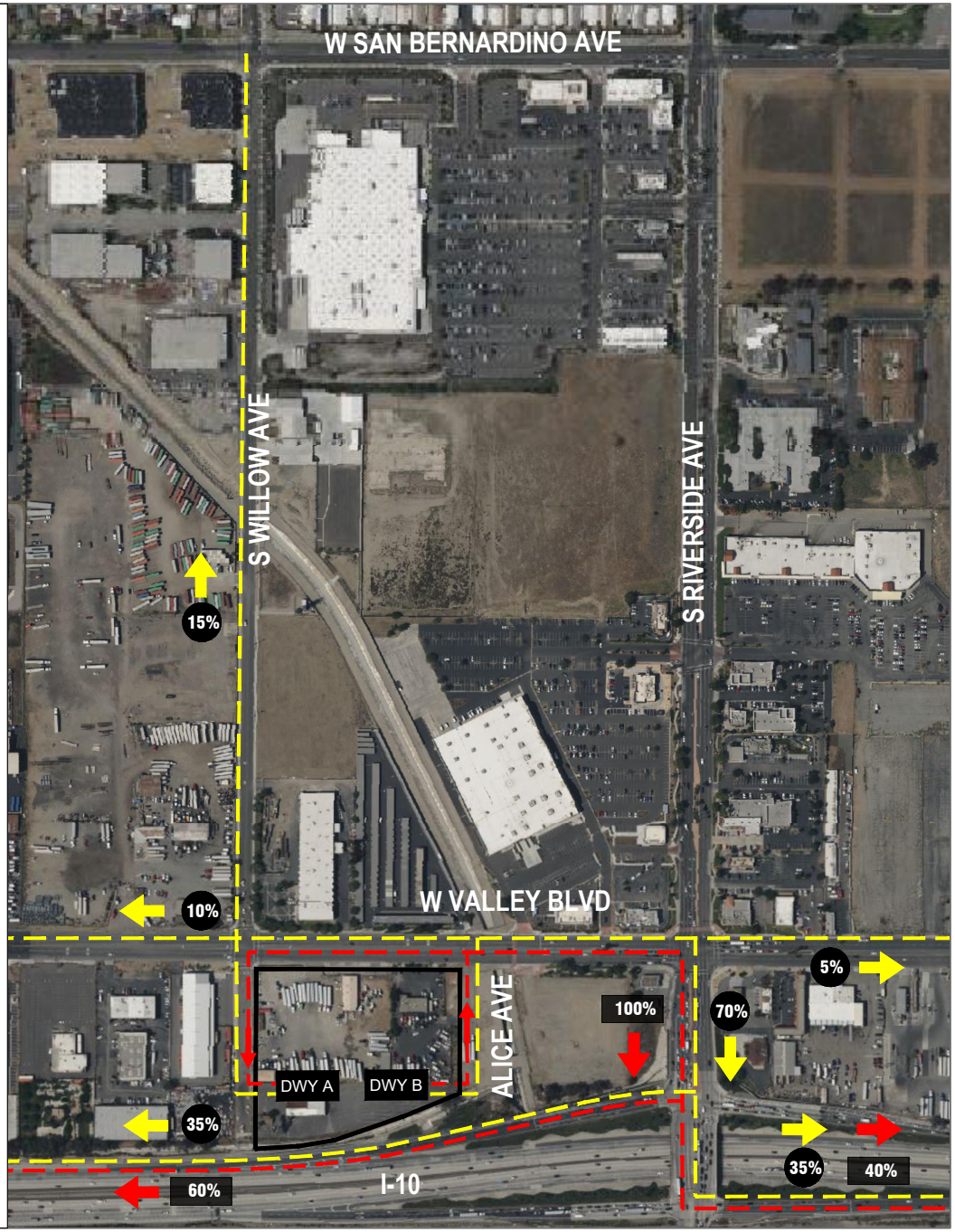
[1]Trip rates from the Institute of Transportation Engineers (ITE), *Trip Generation, 11th Edition, 2021.*

[2] Per City of Rialto's TIA Guidelines (October 2021), 40% of the daily trips are truck trips (per AQMD staff recommendation included in CalEEMod v. 2013.2 Appendix E Technical Source Documentation, Fleet Mix) for warehousing uses i.e. ITE Code 150. The vehicle mix for trucks i.e. 2-axle, 3-axle, and 4+ axle trucks are per current measured rates in the City and provided in the draft TIA guidelines.

[3] Passenger Car Equivalent (PCE) factors are assumed to be 1.0 for passenger vehicles, 1.5 and 2.0 for 2-axle and 3-axle trucks, and 3.0 for 4-axle trucks per City of Rialto TIA Guidelines (October 2021)

LEGEND

- Project Site
- Truck Route
- XX% Trucks Percentage Distribution
- Passenger Car Route
- XX% Passenger Cars Percentage Distribution



Nov 01, 2022 - 7:23pm lterry P:\300 Environmental\14856 Alice-Willow Ave Warehouse EIR\02 Dudek Work Products\01 Documents\03 Technical Reports\Transportation\Figures\14856_TRAF.dwg Layout: Fig1-PrjTripDist

DUDEK N NOT TO SCALE

Figure 1

Project Trip Distribution

Alice-Willow Avenue Warehouse EIR

CARS	TRUCKS	TOTAL
A Driveway A (11) 4 (2) 5	A Driveway A (8) 3	A Driveway A (19) 7 (2) 5
B Driveway B (2) 5	B Driveway B (2) 7	B Driveway B (4) 12
1 W Valley Boulevard/ S Willow Avenue (2) 1 (1) 0 (8) 3 (0) 1 (2) 8 (0) 2	1 W Valley Boulevard/ S Willow Avenue (8) 3	1 W Valley Boulevard/ S Willow Avenue (2) 1 (1) 0 (16) 6 (0) 1 (2) 8 (0) 2
2 W Valley Boulevard/ Alice Avenue (1) 3 (8) 3 (2) 5	2 W Valley Boulevard/ Alice Avenue (8) 3 (2) 7	2 W Valley Boulevard/ Alice Avenue (1) 3 (16) 6 (4) 12

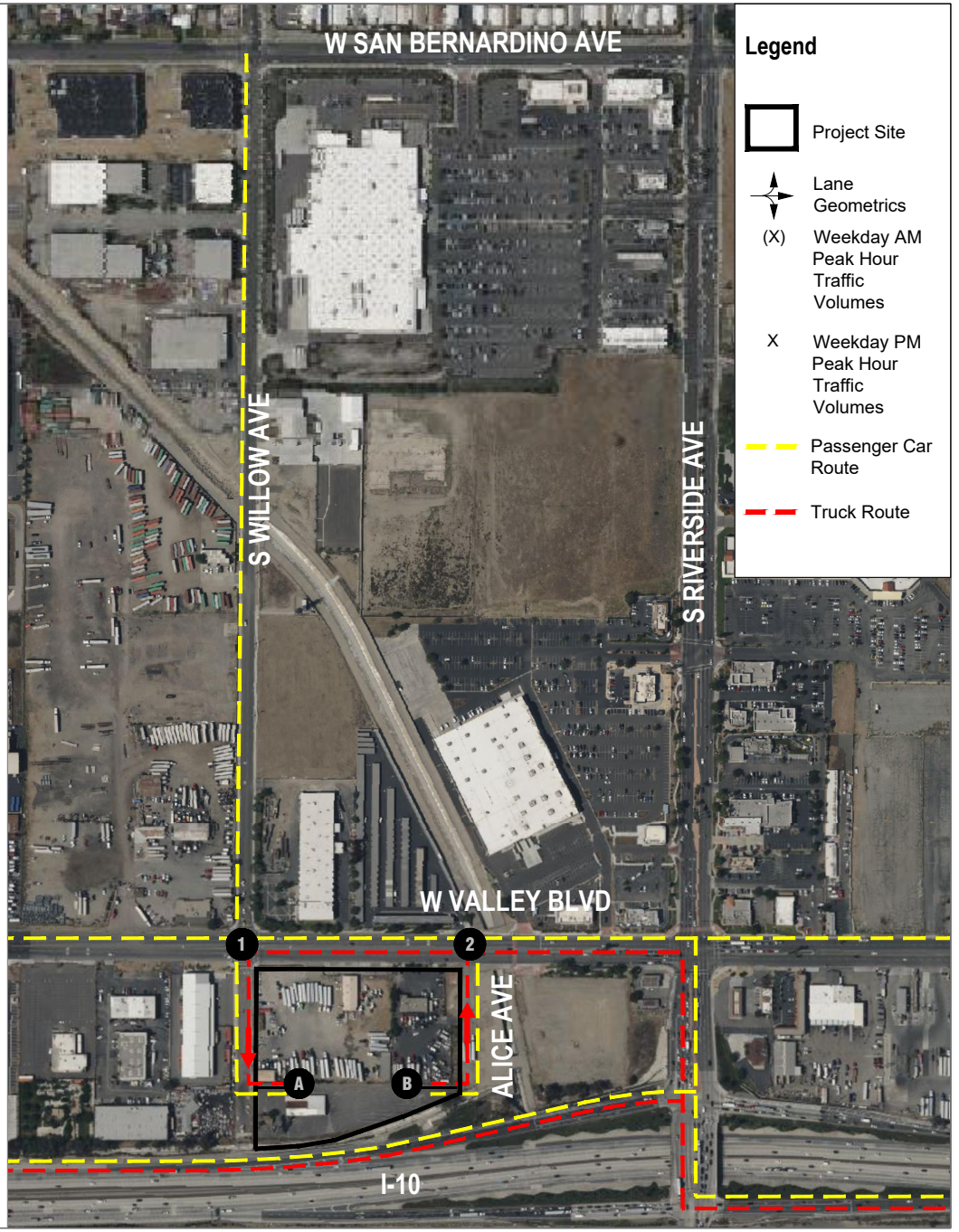


Figure 2

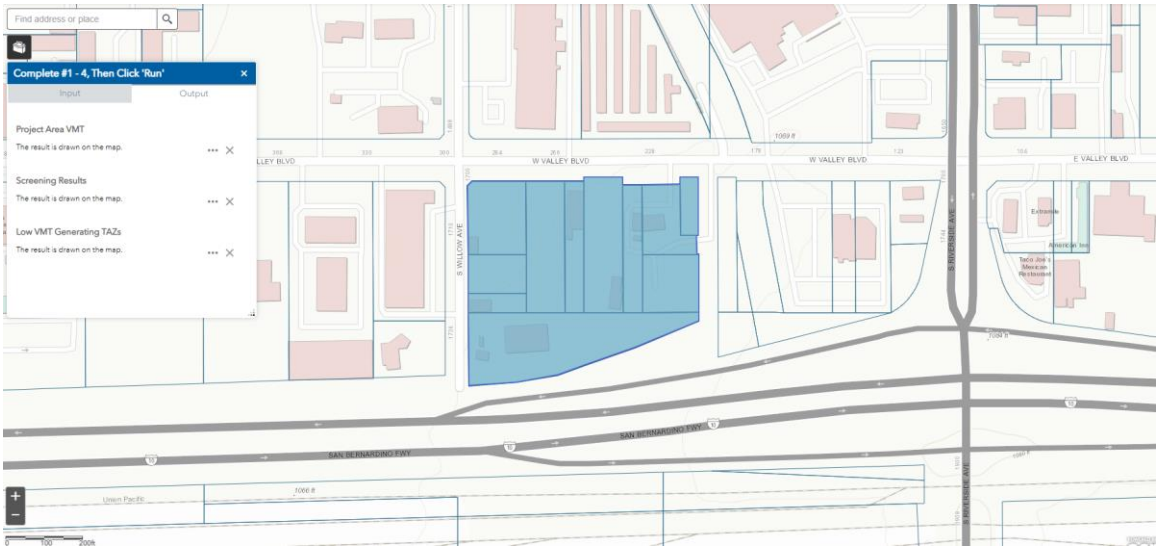
Project Trip Assignment

Alice-Willow Avenue Warehouse EIR

DUDEK

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Nov 02, 2022 - 10:01am Iterry P:\300.Environmental\14856 Alice-Willow Ave Warehouse EIR\02 Dudek Work Products\01 Documents\03 Technical Reports\Transportation\Figures\14856_TRAF.dwg Layout: Fig2-PrjTripAssign



Assessor Parcel Number (APN)	013217103
Traffic Analysis Zone (TAZ)	53752101
TAZ VMT	49.4
Jurisdiction VMT	33.3
% Difference	48.15%
VMT Metric	OD VMT Per Service Population
Threshold	33.3
Completely within a TPA?	No (Fail)
Within a low VMT generating TAZ?	No (Fail)
Note	Screening results are based on location of parcel centroids. If results are desired considering the full parcel, please refer to the associated map layers to visually review parcel and TAZ boundary relationship.
Assessor Parcel Number (APN)	013217104
Traffic Analysis Zone (TAZ)	53752101
TAZ VMT	17.1
Jurisdiction VMT	16.9
% Difference	0.8%
VMT Metric	PA VMT Per Worker
Threshold	16.9
Completely within a TPA?	No (Fail)
Within a low VMT generating TAZ?	No (Fail)
Note	Screening results are based on location of parcel centroids. If results are desired considering the full parcel, please refer to the associated map layers to visually review parcel and TAZ boundary relationship.

MEMORANDUM

URBAN | CROSSROADS

DATE: January 20, 2023
TO: Sabita Tewani, Dudek
FROM: Alex So, Urban Crossroads
JOB NO: 15204-02 VMT

WEST VALLEY BOULEVARD VEHICLE MILES TRAVELED (VMT) ANALYSIS

Urban Crossroads, Inc. is pleased to provide the following Vehicle Miles Traveled (VMT) Analysis for the West Valley Boulevard (**Project**), which is located south on the southeast corner of Willow Avenue and Valley Boulevard, in the City of Rialto.

PROJECT OVERVIEW

The Project consists of a 138,350 square foot (sf) warehouse. The property is currently developed and used for outdoor storage for trailers, construction equipment and construction materials. A preliminary site plan for the proposed Project is shown on Exhibit 1

EXHIBIT 1: PROJECT'S PROPOSED SITE PLAN



BACKGROUND

Changes to California Environmental Quality Act (CEQA) Guidelines were adopted in December 2018, which requires all lead agencies to adopt VMT as a replacement for automobile delay-based level of service (LOS) as the new measure for identifying transportation impacts for land use projects. This statewide mandate went into effect July 1, 2020, consistent with Senate Bill 743 (SB 743). To comply with SB 743, the City of Rialto adopted their Traffic Impact Analysis Guidelines for Vehicle Miles Traveled (VMT) and Level of Service Assessment (LOS) (October 2021) (1) (**City Guidelines**).

VMT SCREENING

It is our understanding the City of Rialto utilizes the San Bernardino County Transportation Authority (SBCTA) VMT Screening Tool (**Screening Tool**). The Screening Tool allows users to select a project's location determine if a project meets one or more of the screening thresholds for land use projects identified in the City Guidelines. The City Guidelines have been utilized to prepare this VMT analysis.

City Guidelines state Projects that meet certain VMT screening criteria may be presumed to result in a less than significant transportation impact. The City Guidelines lists the following VMT screening criteria:

- Step 1: Transit Priority Area (TPA) Screening
- Step 2: Low VMT Area Screening
- Step 3: Project Type Screening

Projects not screened through the above steps must conduct a VMT analysis and forecasting through the SBTAM model to determine if they have a significant VMT impact.

TPA SCREENING

Consistent with guidance identified in the City Guidelines, projects located within a Transit Priority Area (TPA) (i.e., within ½ mile of an existing "major transit stop"[1] or an existing stop along a "high-quality transit corridor"[2]) may be presumed to have a less than significant impact absent substantial evidence to the contrary. However, the presumption may not be appropriate if a project:

- Has a Floor Area Ratio (FAR) of less than 0.75;

[1] Pub. Resources Code, § 21064.3 ("'Major transit stop' means a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods.").
[2] Pub. Resources Code, § 21155 ("For purposes of this section, a high-quality transit corridor means a corridor with fixed route bus service with service intervals no longer than 15 minutes during peak commute hours.").

- Includes more parking for use by residents, customers, or employees of the project than required by the jurisdiction (if the jurisdiction requires the project to supply parking);
- Is inconsistent with the applicable Sustainable Communities Strategy (as determined by the lead agency, with input from the Metropolitan Planning Organization); or
- Replaces affordable residential units with a smaller number of moderate- or high-income residential units.

The Project site is not located within ½ mile of an existing major transit stop, or along a high-quality transit corridor. (See Attachment A)

TPA screening criteria is not met.

LOW VMT AREA SCREENING

As noted in the City Guidelines, "Residential and office projects located within a low VMT generating area may be presumed to have a less than significant impact absent substantial evidence to the contrary. In addition, other employment related uses and mixed-use land use projects may qualify for the use of screening if the project can reasonably be expected to generate VMT per resident, per worker, or per service population that is similar to the existing land uses in the low VMT area." The Screening Tool uses the sub-regional San Bernardino Transportation Analysis Model (SBTAM) to measure VMT performance within individual traffic analysis zones (TAZ's) within the region. First, the Project's physical location is selected in the Screening Tool to determine the TAZ in which the Project will reside. Then the Project's TAZ VMT per employee is compared to the County of San Bernardino baseline average VMT per employee. The parcel containing the proposed Project was selected and the Screening Tool was run for Production/Attraction (PA) home-based work (HBW) VMT per employee (see Attachment A). The Project's TAZ VMT is 17.1, above the County's baseline average VMT per employee of 16.9. Therefore, the Project is not located within a low VMT generating zone.

Low VMT Area screening criteria is not met.

PROJECT TYPE SCREENING

The City Guidelines state that local serving retail projects less than 50,000 square feet may be presumed to have a less than significant impact absent substantial evidence to the contrary. In addition to local serving retail, the City Guidelines also provides a list of land use projects that may be presumed to cause a less than significant impact based on size or quantity:

- 11 single family housing units
- 16 multi-family housing units
- 10,000 sf of office
- 15,000 sf of light industrial
- 63,000 sf of warehousing
- 79,000 sf of high cube transload short-term storage warehouse

The Project proposes to develop a 138,350 sf warehouse building which exceeds the 63,000 sf project type screening size identified by the City Guidelines.

Project Type screening criteria is not met.

As the Project was not found to meet any of the aforementioned VMT screening criteria, a project level VMT analysis is prepared to assess the Project's potential impact to VMT.

VMT ANALYSIS

VMT MODELING

The City Guidelines identify SBTAM as the appropriate tool for conducting VMT analysis for land development projects in the City of Rialto. SBTAM is a useful tool to estimate VMT as it considers interaction between different land uses based on socio-economic data such as population, households, and employment. SBTAM is a travel forecasting model that represents a sub-area (San Bernardino County) of the Southern California Association of Governments (SCAG) regional traffic model. SBTAM was designed to provide a greater level of detail and sensitivity in the Riverside County area as compared to the regional SCAG model.

VMT METRIC AND SIGNIFICANCE THRESHOLD

Through consultation with City Staff, it was identified that the appropriate VMT metric for employment generating industrial land uses the to be utilized for the purposes of this VMT Analysis is VMT per employee[3]. As noted in the City Guidelines, the Project would result in a significant project generated VMT impact if either of the following conditions is met for industrial projects:

- Baseline project generated VMT per employee exceeds the County of San Bernardino VMT per employee, or
- Cumulative project generated VMT per employee exceeds the County of San Bernardino VMT per employee.

As noted in the Low Area VMT screening step, the County of San Bernardino baseline average **VMT per employee is 16.9**.

PROJECT LAND USE CONVERSION

In order to evaluate Project HBW VMT per employee land use information such as building square footage must first be converted into a SBTAM compatible dataset. The SBTAM model utilizes socio-economic data (SED) (e.g., employment estimates) instead of land use information to estimate vehicle trips. Project employees are estimated by taking total building square footage divided by an appropriate employment factor based on standard employment factors outlined by the SCAG Employment Density Report. Table 1 presents the estimated number of employees used to represent the Project in SBTAM.

[3] J. Schlaefli (personal communication, November 18,2021)

TABLE 1: EMPLOYMENT DENSITY FACTORS

Land Use	Quantity	Employment Factor	Project Employees
Warehouse	138,350 SF	1 employee per 1,195 SF	116

PROJECT'S HBW VMT CALCULATION AND COMPARISON TO IMPACT THRESHOLD

As stated previously, for industrial land uses the efficiency metric VMT per employee is used to evaluate Project VMT. VMT per employee is derived by dividing Project generated HBW VMT by the number of estimated Project employees. HBW VMT is obtained from the SBTAM model using the Production/Attraction (PA) method for calculating VMT, which sums all weekday VMT generated by trips with at least one trip end in the study area (i.e., Project's TAZ). Productions are land use types that generate trips (residences), and attractions are land use types that attract trips (employment). Productions and attractions are converted from person trips to vehicle trips for the purposes of calculating VMT and are then multiplied by the distance skims to calculate VMT. Table 2 presents Project generated PA HBW VMT from the SBTAM model, along with the estimated number of Project employees, and the resulting Work VMT per employee.

TABLE 2: PROJECT WORK VMT PER EMPLOYEE

	Baseline	Cumulative
HBW VMT	1,944	1,886
Employees	116	116
Project HBW VMT per Employee	16.79	16.29
City's Adopted Threshold	16.9	16.9
Percent Below Threshold	-0.65%	-3.61%
Potentially Significant?	No	No

As shown in Table 2, Project generated HBW VMT per employee is below the City's adopted threshold by 0.65% in baseline conditions and 3.61% in cumulative conditions.

PROJECT TOTAL VMT CALCULATION

In an effort to fully disclose potential VMT impacts, for informational purposes only, this memorandum includes a supplemental VMT evaluation measuring the Project's estimated Total VMT. The Total VMT calculation differs from the City's adopted VMT metric for industrial projects of Work VMT in that it includes all vehicle trips (i.e., passenger cars and trucks) and all trip purposes (i.e., not just home-based work trips). Table 3 presents an estimation of Total VMT for the Project, which utilizes vehicle trip generation rates consistent with the Project's greenhouse gas analysis, multiplied by the average trip length for each vehicle type. Average trip length for passenger cars as obtained from SBTAM, light heavy-duty trucks (LHDT), medium heavy-duty trucks (MHDT) and heavy heavy-duty trucks (HHDT) has been obtained from the South Coast Air Quality Management District's (SCAQMD) Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce emissions (WAIRE) Program (May 2021) (2). Using trip lengths consistent with SBTAM and the SCAQMD's rule 2305 provides an average daily Total VMT estimate for the Project consistent with the approach used in the Project's greenhouse gas analysis.

TABLE 3: TOTAL VMT

Vehicle Type	Vehicle Trips	Trip Length	VMT
Automobile	142	25.8	1,184
LHDT	2	15.3	31
MHDT	27	14.2	383
HHDT	66	39.9	2,633
Total Truck	95	-	3,047
Total	**237**	**-**	**4,232**

PROJECT CUMULATIVE IMPACT ON VMT

The City Guidelines consistent with the Technical Advisory states that cumulative impacts on VMT "… metrics such as VMT per capita or VMT per employee, i.e., metrics framed in terms of efficiency (as recommended below for use on residential and office projects), cannot be summed because they employ a denominator. A project that falls below an efficiency-based threshold that is aligned with long-term goals and relevant plans has no cumulative impact distinct from the project impact. Accordingly, a finding of a less-than-significant project impact would imply a less than significant cumulative impact, and vice versa. This is similar to the analysis typically conducted for greenhouse gas emissions, air quality impacts, and impact that utilize plan compliance as a threshold of significance."[4] It is our understanding that the Project is consistent with the General Plan underlying land use and zoning assumptions. As the Project is consistent with the RTP/SCS and is found to have a less than significant impact at the project level, it is expected to have a less than significant cumulative impact as well.

SUMMARY AND CONCLUSION

Based on the results of this analysis the following findings are made:

- The Project was evaluated against screening criteria as outlined in the City Guidelines. The Project was not found to meet any available screening criteria, and a VMT analysis was performed.
- The Project's VMT analysis found the Project to be below the City's VMT per employee threshold by 0.65% for baseline conditions and 3.61% for cumulative conditions as compared to the City's adopted threshold.
- The Project is found to have a less than significant VMT impact.

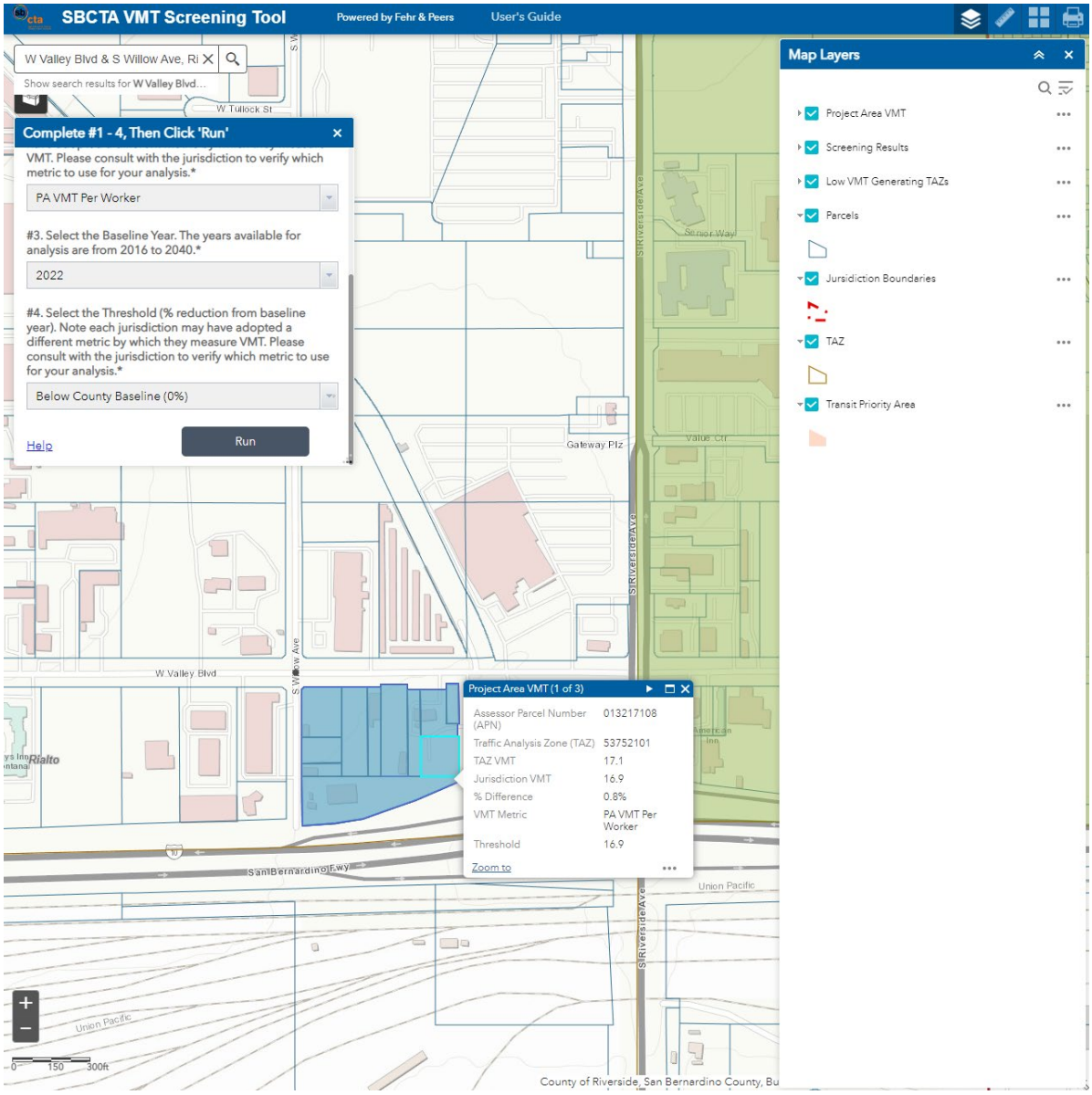
If you have any questions, please contact me directly at aso@urbanxroads.com.

[4] OPR's Technical Advisory; Page 6

REFERENCES

1. **City of Rialto.** *Traffic Impact Analysis Guidelines for Vehicle Miles Traveled (VMT) and Level of Service Assessment (LOS).* October 2021.
2. **SCAQMD.** *Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce emissions (WAIRE) Program.* May 2021.

ATTACHMENT A
SBCTA SCREENING TOOL


SBCTA VMT Screening Tool
Powered by Fehr & Peers
User's Guide
W Valley Blvd & S Willow Ave, Ri
Show search results for W Valley Blvd...
Complete #1 - 4, Then Click 'Run'
VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
PA VMT Per Worker
#3. Select the Baseline Year. The years available for analysis are from 2016 to 2040.*
2022
#4. Select the Threshold (% reduction from baseline year). Note each jurisdiction may have adopted a different metric by which they measure VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
Below County Baseline (0%)
Help
Run
Map Layers
Project Area VMT
Screening Results
Low VMT Generating TAZs
Parcels
Jurisdiction Boundaries
TAZ
Transit Priority Area
Project Area VMT (1 of 3)
Assessor Parcel Number (APN) 013217108
Traffic Analysis Zone (TAZ) 53752101
TAZ VMT 17.1
Jurisdiction VMT 16.9
% Difference 0.8%
VMT Metric PA VMT Per Worker
Threshold 16.9
Zoom to
W Valley Blvd
S Willow Ave
S Riverside Ave
Gateway Plz
San Bernardino Fwy
Union Pacific
Rialto
County of Riverside, San Bernardino County, Bu

Appendix H-2

Traffic Impact Analysis Scoping Form

Exhibit A

SCOPING AGREEMENT FOR TRAFFIC IMPACT ANALYSIS

This following form shall be used to acknowledge preliminary approval of the scope for the traffic impact analysis (TIA) of the following project. The TIA must follow the City of Rialto Traffic Impact Analysis – Report Guidelines and Requirements, adopted by the City Council on _____.

City of Rialto

Traffic Impact Analysis

Scoping Agreement

Case No. _____

Related Cases -

SP No. _____

EIR No. _____

GPA No. _____

ZC No. _____

Project Name: Alice and Willow Warehouse

Project Address: Southeast corner of Willow Avenue and Valley Boulevard, City of Rialto

Project Description: Approx.138,350 sqft warehouse, including 3,000 sqft of office and 3,000 sq ft of mezzanine.

	Consultant	Developer
Name:	Dudek	Kevin Rice
Address:	605 Third Street, Encinitas, CA 92024	Patriot Partners Development
Telephone:	760-479-4109	858-952-4134
Fax:	stewani@dudek.com	kevin@patriotdevelopmentpartners.com

1. Trip Generation Source: Institute of Transportation Engineers, Trip Manual, 11th Edition, 2021

Existing GP Land Use: Freeway Commercial Proposed Land Use: Freeway Commercial

Current Zoning: Gateway Specific Plan Proposed Zoning: Gateway Specific Plan

Total Daily Project Trips: See Table 1

	Current Trip Generation			Proposed Trip Generation		
	In	Out	Total	In	Out	Total
AM Trips	0	0	0	19 (33 PCE)	5 (8 PCE)	24 (41 PCE)
PM Trips	0	0	0	7 (12 PCE)	18 (30 PCE)	25 (42 PCE)

Internal Trip Allowance ☐ Yes ☑ No (_____ % Trip Discount)

Pass-By Trip Allowance ☐ Yes ☑ No (_____ % Trip Discount)

For appropriate land uses, a pass-by trip discount may be allowed not to exceed 25%. Discount trips shall be indicated on a report figure for intersections and access locations.

2. Trip Geographic Distribution: N - % S - % E - % W - %

(Detailed exhibits of trip distribution must be attached with Trucks as a separate exhibit)

See attached Figure 1 and 2 for Trip Distribution and Assignment

3. Background Growth Traffic

Project Completion Year: 2024 Annual Background Growth Rate: NA %

Other Phase Years: NA

Other area projects to be considered: NA

(Contact Planning for Lists. Correlate projects to exhibit map and also indicate which projects have been included in study area forecasts for existing + background growth + project + cumulative)

Model/Forecast methodology: Focused Traffic Analysis for Existing and Existing plus Project Conditions

4. Study Intersections: (NOTE: Subject to revision after other projects, trip generation and distribution are determined, or comments from other agencies received.)

1. Willow Avenue/Valley Boulevard
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

5. Study Roadway Segments: (NOTE: Subject to revision after other projects, trip generation and distribution are determined, or comments from other agencies received.)

1. _____ 6. _____
2. _____ 7. _____
3. _____ 8. _____
4. _____ 9. _____
5. _____ 10. _____

6. Other Jurisdictional Impacts

Is this project within any other Agency's Sphere of Influence or within one-mile of another jurisdictional boundary?

☐ YES
☑ NO

If so, name of Jurisdiction: _____

7. Site Plan (please attach 11" x 17" legible copy)

8. Specific issues to be addressed in the Study (in addition to the standard analysis described in the Guideline) (to be filled out by the City of Rialto Public Works Department) (NOTE: If the traffic study states that "a traffic signal is warranted" (or "a traffic signal appears to be warranted," or similar statement) at an existing un-signalized intersection under existing conditions, 8-hour approach traffic volume information must be submitted in addition to the peak hourly turning movement counts for that intersection.)

Focused Traffic Analysis of Existing and Existing plus Project Analysis of the Willow Avenue/Valley Boulevard intersection. The analysis will include a qualitative assessment of the project's frontage along Valley Boulevard (Willow Avenue to Alice Avnue) to ensure proper ROW is provided and that the project would improve the pavement on their half-section of the roadway.

9. Existing Conditions

Traffic count data must be new or within one year. Provide traffic count dates if using other than new counts.

Date of counts: March 2023

NOTE Fees are due and must be submitted with, or prior to submittal of this form. The City will not process the Scoping Agreement prior to the receipt of the processing fee.

Fees Paid: _____ Date 03/23/2023

Recommended:

Scoping Agreement Submittal date 03/23/2023

Scoping Agreement Resubmittal date _____

Sabita Tewani, AICP,PTP 03/23/2023

Applicant/Engineer Date

Land Use Concurrence:

Development Services Department Date

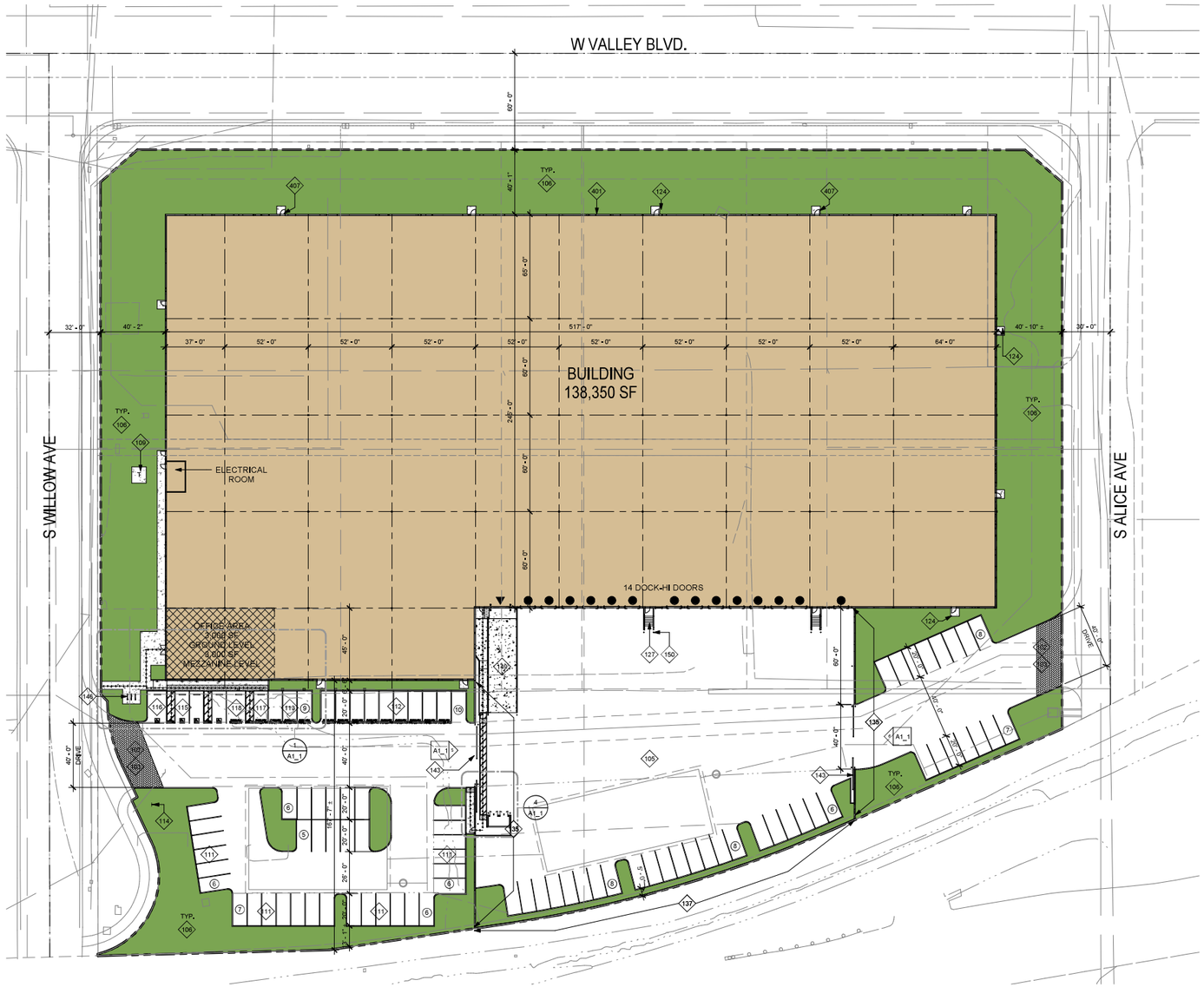
Approved by:

Justin P. Schlafli 03/28/2023

Public Works Department Date

NOTE:

The Applicant/Engineer acknowledges that the Scoping Agreement is intended to assist in the preparation of any required TIA. It is preliminary in nature and the City does not have sufficient data to determine the ultimate conditions that may be imposed for the project. It does not provide nor limit the requirements imposed on the Project but is intended only to provide initial input into the parameters for review of the traffic generated by the Project and the initial areas to be considered and studied. Subsequent changes to scope of required analysis to be included in the TIA may be required by the Transportation Commission, Planning Commission, and/or the City Council upon Public Works Director/City Engineer review and approval.



1 PROPOSED SITE PLAN
1" = 30'-0"

DEVELOPER/OWNER

ADDRESS: PATRIOT PARTNERS
12126 W. SUNSET BLVD.
LOS ANGELES, CA 90049
CONTACT: KEVIN RICE
PHONE: 858.952.4134
EMAIL: KEVIN @ PATRIOTDEVELOPMENT PARTNERS.COM

APPLICANT'S REPRESENTATIVE/ARCHITECT

HERDMAN ARCHITECTURE & DESIGN, INC.
100 BAYVIEW CIRCLE SUITE 100
NEWPORT BEACH, CA 92660
CONTACT: BRIDGET HERDMAN
PHONE: 714.389.2800
EMAIL: PROJECTADMIN@HERDMAN-AD.COM

SCOPE OF WORK

CONSTRUCT NEW ONE STORY + MEZZANINE CONCRETE TILT-UP WAREHOUSE/DISTRIBUTION FACILITY WITH ELECTRICAL AND PLUMBING SERVICES. EXTERIOR LIGHTING, LANDCAPING & IRRIGATION, TRASH ENCLOSURES. CONCRETE SCREEN WALLS, AND SLIDING/SWINGING METAL GATES, FIRE SPRINKLER AND GRADING PLANS TO BE A SEPARATE SUBMITTAL AND PERMIT

LEGAL DESCRIPTION & ZONING

LEGAL DESCRIPTION: SEE CIVIL PLAN

ASSESSOR'S PARCEL NO: SEE CIVIL PLAN

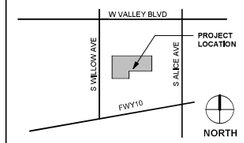
SPECIFIC PLAN LEGEND: INDUSTRIAL PARK

ZONING: BUSINESS PARK

SHEET INDEX

A0	COVER SHEET
A1	SITE PLAN
A1_1	ENLARGED SITE PLANS
A2	GROUND LEVEL FLOOR PLANS
A3	ROOF PLAN
A4	EXTERIOR ELEVATIONS
A5	MATERIAL BOARD
A6	AERIAL IMAGE OF THE SITE
A7	SITE PHOTO
C1	CONCEPTUAL GRADING, DRAINAGE AND UTILITY PLAN
C2	TENTATIVE PARCEL MAP
L1	CONCEPTUAL LANDSCAPE PLAN

VICINITY MAP



SITE PLAN GENERAL NOTES

1. THE SITE PLAN SHALL MEET ALL ENGINEERING & NPDES REQUIREMENTS.
2. GENERAL CONTRACTOR TO REVIEW THE SOILS REPORT AND ALL AMENDMENTS LISTED ON THE TITLE SHEET AND FOLLOW ALL RECOMMENDATIONS.
3. U.O.N. ALL DIMENSIONS TO CONCRETE WALLS AND CURBS ARE EITHER TO THE CENTER (SHOWN WITH A CENTERLINE) OR FACE OF THE WALL OR CURB. ALL DIMENSIONS TO FRAMED WALLS ARE EITHER TO THE CENTER LINE OF THE WALL FRAMING (SHOWN WITH A CENTERLINE) OR THE FACE OF THE WALL FINISH.
4. REFER TO CIVIL AND MEP PLANS TO CONFIRM UTILITY INFORMATION SHOWN ON THE ARCHITECTS SITE PLAN AND FOR ADDITIONAL UTILITY INFORMATION. GENERAL CONTRACTOR TO COORDINATE ALL POINTS OF CONNECTION.
5. REFER TO CIVIL DRAWINGS FOR ALL FINISHED GRADES AND SLOPES. ALL FINISHED GRADES TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING. GENERAL CONTRACTOR TO FIELD VERIFY.
6. ALL ACCESSIBLE ROUTES IDENTIFIED ON THE SITE PLAN DRAWINGS SHALL CONFORM TO THE FOLLOWING:
   a) SLOPES IN THE DIRECTION OF TRAVEL DO NOT EXCEED 5%. CROSS SLOPES DO NOT EXCEED 2%.
   b) THE CLEAR WIDTH OF ALL WALKWAYS IS 4'-0" MIN.
   c) CHANGES IN LEVEL UP TO 1/2" COMPLY w/ 11A-02.1. CHANGES IN LEVEL GREATER THAN 1/2" IF THEY OCCUR ARE RAMPED. SEE PLANS.
   d) THE VERTICAL CLEARANCE ALONG THE ACCESSIBLE ROUTE IS 80" MIN.
7. ALL PAVED AND LANDSCAPED AREAS TO BE BOUND BY A MIN. 6" HIGH, 6" WIDE CONCRETE CURB U.O.N.
8. A CONCRETE MOW STRIP EXTENDING 12" BEYOND EA END OF THE OPENING SHALL BE PROVIDED @ ALL EXTERIOR GLAZING WHERE THE SILL IS WITHIN 3' VERTICAL OF THE FINISHED GRADE. SEE 2/AD1.1
10. PROVIDE PIPE BOLLARD PROTECTION POSTS AS REQUIRED BY UTILITY COMPANIES AND OR FIRE AUTHORITIES AT ALL EXTERIOR ELECTRICAL EQUIPMENT AND FIRE PREVENTION DEVICES. IF PIPE BOLLARD PROTECTION POST DETAILS ARE NOT PROVIDED BY UTILITY COMPANIES AND OR FIRE AUTHORITY SEE DETAIL 3/AD1.1
11. ALL EXPOSED BIORETENSION DEVICE COVERINGS SHALL BE PAINTED FOREST GREEN.
12. WHERE OCCURS, GENERAL CONTRACTOR TO PROVIDE FLUID APPLIED DAMP PROOFING AT ALL RETAINING AND PLANTER WALLS WHERE THE SIDE OF THE WALL OPPOSITE THE SOIL SIDE IS EXPOSED TO VIEW AND ALL EXTERIOR WALLS WHERE THE ADJACENT FLOOR SLAB IS BELOW GRADE. SEE 6/AD1.2
13. PROVIDE A HOSE BIB NEAR THE MAIN ENTRANCE AND IN THE TRASH ENCLOSURE. SEE PLAN FOR LOCATION.

KEYNOTES

102	PROPOSED DRIVEWAY. PER JURISDICTIONAL STANDARDS.
103	DECORATIVE PAVING. SEE LANDSCAPING DRAWINGS FOR ADDITIONAL INFORMATION.
105	CONCRETE PAVING.
106	@ SHADING. PROPOSED LANDSCAPING. SEE LANDSCAPE PLANS.
109	(N) TRANSFORMER LOCATION.
111	TYP U.O.N. STANDARD PARKING STALL. 9'-0" WIDE x 20'-0" DEEP
112	CLEAN AIR VEHICLE PARKING STALL. MATCH STANDARD STALL SIZE
113	FUTURE EV CHARGING ONLY PARKING STALL. MATCH STANDARD STALL DEPTH. PROVIDE FOR FUTURE INSTALLATION OF CHARGING EQUIPMENT.
114	ACCESSIBLE SITE ENTRANCE SIGN.
115	STANDARD ACCESSIBLE PARKING STALL. 9'-0" WIDE x DEPTH OF STANDARD STALL.
116	VAN ACCESSIBLE PARKING STALL. 12'-0" WIDE x DEPTH OF STANDARD STALL
117	FUTURE STANDARD ACCESSIBLE EV CHARGING ONLY PARKING STALL. 9'-0" WIDE x DEPTH OF STANDARD STALL. PROVIDE FOR FUTURE INSTALLATION OF CHARGING EQUIPMENT.
118	FUTURE VAN ACCESSIBLE EV CHARGING ONLY PARKING STALL. 12'-0" WIDE x DEPTH OF STANDARD STALL. PROVIDE FOR FUTURE INSTALLATION OF CHARGING EQUIPMENT.
124	EXERIOR CONCRETE LANDING.
127	DO NOT USE
135	CONCRETE TILT-UP SCREEN WALL. MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE. PAINT BOTH SIDES AND TOP OF WALL. SEE PLANS FOR COLOR SCHEDULE.
137	TUBE STEEL FENCE. MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE.
143	PAINTED STEEL ROLLING GATE(S). MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE OR AS SHOWN ON EXTERIOR ELEVATIONS. PROVIDE KNOX BOX AS REQUIRED BY FIRE AUTHORITY.
146	2 POSITION BIKE RACK.
149	CONCRETE TRUCK RAMP w/ 42" HIGH CONCRETE TILT-UP GUARD ON OPEN SIDE(S). PAINT ALL SIDES OF GUARD WALLS AND HANDRAILS. SEE ARCHITECTURAL DRAWINGS FOR COLOR SCHEDULE.
150	STEEL PIPE BOLLARD PROTECTION POST.
401	PAINTED CONCRETE TILT-UP WALL PANEL.
407	PAINTED HOLLOW METAL PEDESTRIAN DOOR.

LOT AREA

SQUARE FOOTAGE	ACRES
NET	
269733 SF	6.19

FLOOR AREA RATIO

BUILDING AREA	SITE AREA	FAR ALLOWABLE	FAR PROVIDED
138350 SF			51.3%

BUILDING AREA SUMMARY

NAME	AREA
GROUND FLOOR	
WAREHOUSE	132350 SF
OFFICE	3000 SF
	135350 SF
MEZZANINE	
OFFICE	3000 SF
	3000 SF
GROUND LEVEL + MEZZANINE	
WAREHOUSE	132350 SF
OFFICE	6000 SF
TOTAL BUILDING AREA	138350 SF

LANDSCAPE AREA SUMMARY

LOT AREA	% LANDSCAPING REQUIRED	AREA LANDSCAPING PROVIDED	% LANDSCAPING PROVIDED
269758 SF	10%	62487 SF	23.2%

TOTAL PARKING REQUIRED

BUILDING USE	BUILDING AREA	PARKING RATIO 1/X	REQ. PARKING
OFFICE	3000 SF	250	12
OFFICE	3000 SF	500	6
WAREHOUSE	10000 SF	1000	10
WAREHOUSE	122350 SF	2000	62
TOTAL	138350 SF		90

REQUIRED PARKING BREAKDOWN

SPACE TYPE	SPACES REQUIRED
STANDARD STALLS	72
STANDARD ACCESSIBLE STALLS	3
VAN ACCESSIBLE STALLS	1
CLEAN AIR STALLS	5
FUTURE EV CHARGING ONLY STALLS	7
FUTURE EV CHARGING ONLY STANDARD ACCESSIBLE STALLS	1
FUTURE EV CHARGING ONLY VAN ACCESSIBLE STALLS	1
TOTAL	90

PARKING PROVIDED

SPACE TYPE	SPACES PROVIDED
STANDARD STALLS	74
STANDARD ACCESSIBLE STALLS	3
VAN ACCESSIBLE STALLS	1
CLEAN AIR STALLS	5
FUTURE EV CHARGING ONLY STALLS	7
FUTURE EV CHARGING ONLY STANDARD ACCESSIBLE STALLS	1
FUTURE EV CHARGING ONLY VAN ACCESSIBLE STALLS	1
TOTAL	92

SITE LEGEND

- LANDSCAPE AREA
- CONCRETE PAVING. SEE CIVIL DRAWINGS FOR PAVING SECTIONS
- FH — FIRE HYDRANT. PROVIDE PIPE BOLLARD PROTECTION POSTS AS REQUIRED BY THE FIRE AUTHORITY. SEE 3/AD1.1
- STREET LIGHT
- INDICATES AN ACCESSIBLE ROUTE. MUST COMPLY w/ SITE PLAN GENERAL NOTE #8
- PROPERTY LINE
- DOCK HIGH DOOR
- DRIVE THRU. DOOR

PROJECT
PATRIOT PARTNERS - ALICE AVE
RIALTO, CA
1st PLANNING SUBMITTAL

HERDMAN
ARCHITECTURE + DESIGN
A21-2283
08.16.2022

SITE PLAN

NORTH

A1

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Project Trip Generation for Alice and Willow Warehouse, Rialto

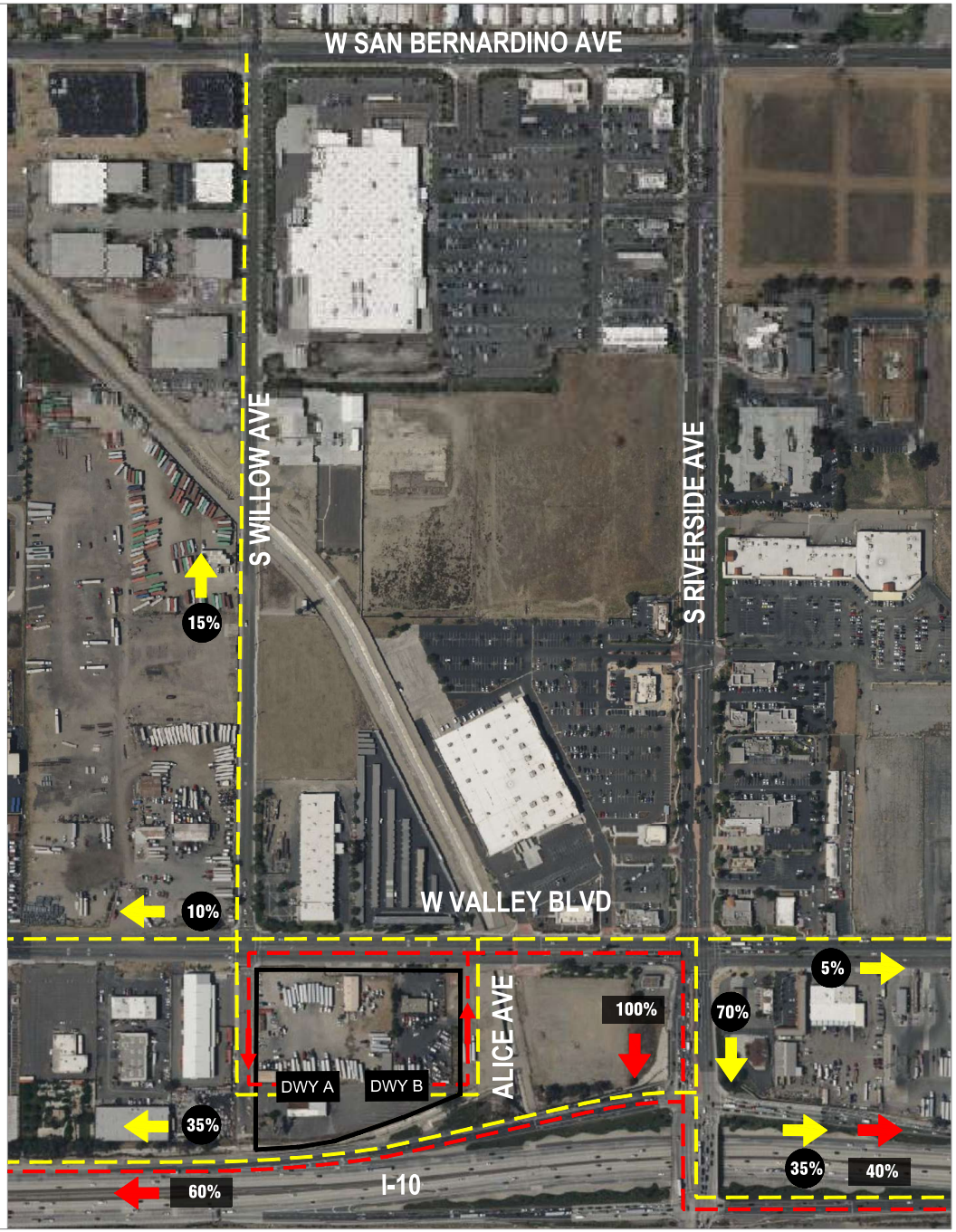
Land Use	ITE Code	Size/Units	Daily	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
TRIP RATES [1]									
Warehousing	150	TSF	1.71	0.13	0.04	0.17	0.05	0.13	0.18
TRIP GENERATION									
Alice and Willow Warehouse	150	138.350 TSF	237	19	5	24	7	18	25
PROJECT TRIP GENERATION									
Vehicle Mix[2]		**Percent**[2]							
Passenger Vehicles		60.0%	142	11	3	14	4	11	15
Trucks		40.0%	95	8	2	10	3	7	10
2-Axle Trucks		*0.8%*	*2*	*0*	*0*	*0*	*0*	*0*	*0*
3-Axle Trucks		*11.2%*	*27*	*2*	*1*	*3*	*1*	*2*	*3*
4+-Axle Trucks		*28.0%*	*66*	*6*	*1*	*7*	*2*	*5*	*7*
Project Trip Generation Non-PCE			***237***	***19***	***5***	***24***	***7***	***18***	***25***
		PCE Factor[3]							
Passenger Vehicles		1.0	142	11	3	14	4	11	15
2-Axle Trucks		1.5	3	0	0	0	0	0	0
3-Axle Trucks		2.0	54	4	2	6	2	4	6
4+-Axle Trucks		3.0	199	18	3	21	6	15	21
Project Trip Generation W/PCE			***398***	***33***	***8***	***41***	***12***	***30***	***42***

Notes: TSF = Thousand Square Feet; PCE = Passenger Car Equivalent

[1]Trip rates from the Institute of Transportation Engineers (ITE), *Trip Generation, 11th Edition, 2021.*

[2] Per City of Rialto's TIA Guidelines (October 2021), 40% of the daily trips are truck trips (per AQMD staff recommendation included in CalEEMod v. 2013.2 Appendix E Technical Source Documentation, Fleet Mix) for warehousing uses i.e. ITE Code 150. The vehicle mix for trucks i.e. 2-axle, 3-axle, and 4+ axle trucks are per current measured rates in the City and provided in the draft TIA guidelines.

[3] Passenger Car Equivalent (PCE) factors are assumed to be 1.0 for passenger vehicles, 1.5 and 2.0 for 2-axle and 3-axle trucks, and 3.0 for 4-axle trucks per City of Rialto TIA Guidelines (October 2021)



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DUDEK

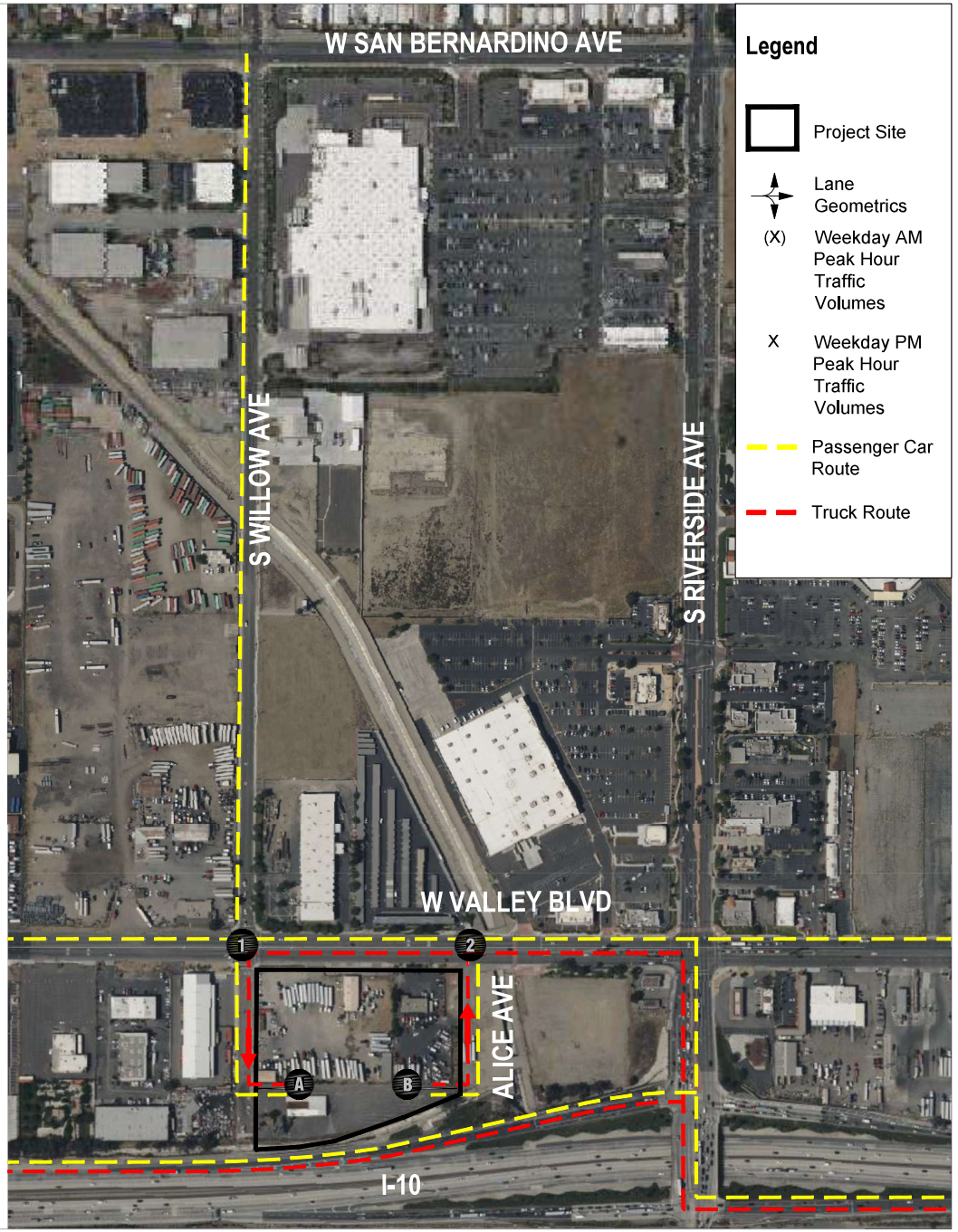
NOT TO SCALE

Figure 1

Project Trip Distribution

Alice-Willow Avenue Warehouse EIR

CARS	TRUCKS	TOTAL
A Driveway A (11) 4 (2) 5	A Driveway A (8) 3	A Driveway A (19) 7 (2) 5
B Driveway B (2) 5	B Driveway B (2) 7	B Driveway B (4) 12
1 W Valley Boulevard/ S Willow Avenue (2) 1 (1) 0 (8) 3 (0) 1 (2) 8 (0) 2	1 W Valley Boulevard/ S Willow Avenue (8) 3	1 W Valley Boulevard/ S Willow Avenue (2) 1 (1) 0 (16) 6 (0) 1 (2) 8 (0) 2
2 W Valley Boulevard/ Alice Avenue (1) 3 (8) 3 (2) 5	2 W Valley Boulevard/ Alice Avenue (8) 3 (2) 7	2 W Valley Boulevard/ Alice Avenue (1) 3 (16) 6 (4) 12



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Figure 2

Project Trip Assignment

Alice-Willow Avenue Warehouse EIR